

20000907.qrp v01_n937.qrl.20000907

Date: Thu, 7 Sep 2000 19:03:12 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1937

QRP-L Digest 1937

Topics covered in this issue include:

- 1) [78927] spur-less??
by neil tanner <ntan@crosslink.net>
- 2) [78928] Fox- New England Hunters needed!
by John Wagner <john@neknetwork.com>
- 3) [78929] WTB: Heathkit HG10 vfo
by Lbschafer@aol.com
- 4) [78930] Stupid Mistake #2 for Summer 2000
by "Joe Malloy" <jmalloy@hamilton.edu>
- 5) [78931] FS or trade: OHR 100 30 meter CW xcvr
by Alan <aadelma@yahoo.com>
- 6) [78932] NEQRP WQ1RP CW Net, Thursday 9:00PM EDT, 3561MHz
by "C. J. Ludinsky" <cjl@mitre.org>
- 7) [78933] CLUB: WestFLA Meeting Moved to Saturday, 16 September 2000
by "Stephen D. Cohen" <scohen@tampabay.rr.com>
- 8) [78934] First DX in 35 yrs
by "David Porter" <dporter@voicenet.com>
- 9) [78935] Re: First DX in 35 yrs
by Brian <brian@iquest.net>
- 10) [78936] The End of it ALL
by "Karl F. Larsen" <k5di@zianet.com>
- 11) [78937] .38 Special PC board or manual?
by arrowhead1@characterlink.net (Ted Danchi)
- 12) [78938] Re: Determining Tree Height
by hamjoel@juno.com
- 13) [78939] First DX in 35 yrs
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 14) [78940] Re: The End of it ALL
by RangerSF5@aol.com
- 15) [78941] Re: R-7000 Vertical or Dipole
by "James R. Duffey" <jamesd1@flash.net>
- 16) [78942] K2 SSB DX
by M Goins <mgoins@usa.net>
- 17) [78943] UPDATE: .38 Special PC board or manual?
by arrowhead1@characterlink.net (Ted Danchi)
- 18) [78944] Re: Determining tree height
by "Hugo W. Catta" <cx9aak@bellatlantic.net>
- 19) [78945] Midland Bug

- by "Mike Duke" <k5xu@concentric.net>
- 20) [78946] RE: USSR Prefix/Suffix Map -- for DX'rs only
by Adrian Weiss <aweiss@usd.edu>
- 21) [78947] Re: Chas Kitchen Regen etc
by "George Heron N2APB" <n2apb@erols.com>
- 22) [78948] OT: Vacation report/some qrp content (longish too)
by GElam30092@aol.com
- 23) [78949] RE: USSR Prefix/Suffix Map -- for DX'rs only
by Scott Bauer <w3cv@pcbanc.net>
- 24) [78950] Re: Chas Kitchen Regen etc
by Pete Burbank <plburbank@kih.net>
- 25) [78951] FOX: Summer Fox Hunt Final Results!
by "Marshall Emm" <mgemm@technologies.com>
- 26) [78952] Re: The End of it ALL
by Steve Yates <aa5tb@yahoo.com>
- 27) [78953] Re: NA Sprint
by Bob Patten <n4bp@bc.seflin.org>
- 28) [78954] Homebrew Pic's: LED SWR n' Transmatch
by "K7FD-N7SG" <cqdx@teleport.com>
- 29) [78955] portable Maui with K2
by Don Minkoff <cowchip@mediaone.net>
- 30) [78956] OT: NASA Studying sunspots at sunspot maximum
by "Alan Kaul" <alan.kaul@worldnet.att.net>
- 31) [78957] Re: Homebrew Pic's: LED SWR n' Transmatch
by "Leon Heller" <leon_heller@hotmail.com>
- 32) [78958] Re: The End of it ALL
by "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
- 33) [78959] Re: The End of it ALL
by "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
- 34) [78960] nw20 testing...
by neil tanner <ntan@crosslink.net>
- 35) [78961] CONTEST: QRP Contesting Sept 9/10
by Ken Newman <N2CQ@citnet.com>
- 36) [78962] unsubscribe
by "Rick Austin" <radio@capsales.com>
- 37) [78963] Re: Chas Kitchen Regen etc
by Richard Matthews <prm@hiwaay.net>
- 38) [78964] Re: QRP AFIELD Planning
by "Dave Benson" <nn1g@earthlink.net>
- 39) [78965] Club: IAQRP Summer Newsletter available in Word format
by "John Burnley" <burnleyia@home.com>
- 40) [78966] Asia heard on 40m from NC motel room with 8' wire and regen RX
by "Bob Duckworth" <wb4mnf@atl.org>
- 41) [78967] Re: Chas Kitchen Regen etc
by Bruce Muscolino <w6toy@erols.com>
- 42) [78968] Using a TS450S at QRP levels
by "Gary Lee Phillips" <ka9nzi@arrl.net>
- 43) [78969] Another ground question: DC ground vs. RF ground

by "Gary Lee Phillips" <ka9nzi@arrl.net>
44) [78970] Re: QRP AFIELD Planning
by Bill Jones <kd7s@psnw.com>
45) [78971] Re: Determining tree height
by "Manager QRP-L" <manager@astro.cc.lehigh.edu>
46) [78972] Re: Stupid question...
by Todd Nichols <Todd_Nichols@cree.com>
47) [78973] Re: Another ground question: DC ground vs. RF ground
by Steve Yates <aa5tb@yahoo.com>
48) [78974] Re: Chas Kitchen Regen etc
by "Bruce Kizerian" <kizerian@ced.utah.edu>
49) [78975] Re: QRP AFIELD Planning
by n2cx@voicenet.com
50) [78976] Re: QRP AFIELD Planning
by Monte Stark <ku7y@dri.edu>
51) [78977] This saturdays PSK31 QRP ARCI sprint
by Jim Hale <kj5tf@yahoo.com>
52) [78978] 18 QRP-L People
by "Karl F. Larsen" <k5di@zianet.com>
53) [78979] Re: The End of it ALL
by Monte Stark <ku7y@dri.edu>
54) [78980] FOX - Winter Hunt Teams -
by Bruce Rattray <rattray@gpfn.sk.ca>
55) [78981] Re: 18 QRP-L People
by "Rod, NØRC" <nØrc@qsl.net>
56) [78982] OT - Pullin' up stakes
by "Tom Hybiske" <hybiske@drs-fsc-comm.com>
57) [78983] QRPers in NE TX
by "Chuck Carpenter" <w5usj@globeco.net>
58) [78984] Re: 18 QRP-L People
by "Manager QRP-L" <manager@astro.cc.lehigh.edu>
59) [78985] Re: QRP AFIELD Planning
by "Dave Benson" <nn1g@earthlink.net>
60) [78986] 2p worth del escoscia
by Euramcom <mel@euramcom.freemove.co.uk>
61) [78987] Re: QRP AFIELD Planning
by mulveyr@iname.com
62) [78988] Re: 18 QRP-L People
by "Dan Hogan" <dhhogan@nav.cnhost.com>
63) [78989] Request for a sked to WAS - WY,RI,LA
by "Harsha K" <bravado@angelfire.com>
64) [78990] OT: Amateur Astronomy
by "Niel Skousen" <nskousen@scientech.com>
65) [78991] RS Freq. counter Question
by Ed Lawson <elawson@lawson-philpot.com>
66) [78992] Re: QRPers in NE TX
by "George, W5YR" <w5yr@att.net>
67) [78993] QRP AFIELD Planning - lit pencils

by "Charles Mabbott" <crmabbott@mediaone.net>
68) [78994] qrpers west side of houston
by M Goins <mgoins@usa.net>
69) [78995] Re: QRP AFIELD Planning - lit pencils
by mulveyr@iname.com
70) [78996] HB - regens
by n5ib@juno.com
71) [78997] Re: HB - regens
by "Cla KA0GKC" <ka0gkc@arrl.net>
72) [78998] Re: HB - regens
by "Dan W. Dooley" <dandooley@pipeline.com>
73) [78999] Re: HB - regens
by David Hinerman <dlh1009@ritvax.isc.rit.edu>
74) [79000] Re: HB - regens
by "Cla KA0GKC" <ka0gkc@arrl.net>
75) [79001] Re: R-7000 Vertical or Dipole
by Renato Meneghim de Freitas <py2one@uol.com.br>
76) [79002] QRP-A-FIELD
by "Steven Weber" <kd1jv@moose.ncia.net>
77) [79003] Re: QRP AFIELD Planning
by "David Porter" <dporter@voicenet.com>
78) [79004] OT:Looking for Bay Area bike shops
by Bill Jones <kd7s@psnw.com>
79) [79005] Re: HB - regens
by "Bob Tellefsen" <n6wg@earthlink.net>
80) [79006] Re: HB - regens
by "Tony Fishpool" <g4wif@btinternet.com>

Date: Wed, 06 Sep 2000 19:23:16 -0400
From: neil tanner <ntan@crosslink.net>
To: "qrp-l@Lehigh.EDU" <qrp-l@Lehigh.EDU>
Subject: [78927] spur-less??
Message-ID: <39B6D1E4.54564DD8@crosslink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Greetings All-

And again, tn timer to all that offered tips and advice....

I think I may be on the verge of solving the problem...Dave Bixler, who has a NW20 has given me some ideas which I employed this afternoon after getting off of work.....I removed the tx section (pa was right next to the vfo) and removed the output filter (this was mounted above the tx and vfo....after all the testing the past few days, I think I cooked the mrf 476 final...put a rca 4013 in its place and had a 20 ohm res. at its base....I was able to get some juice with less problems with

swr....replaced the 20 with a 50 and pwr is now about 500mw and swr is almost nil.....it doesn't sound too bad either....the driver and pa are still very close to one and other, so maybe next test will be to start from scratch and build it ugly and not try to get a compact board...I still have plenty of room in the cabinet....
So thanks everyone and I will keep you posted...72 Neil wa4chq

Date: Wed, 06 Sep 2000 19:23:54 -0400
From: John Wagner <john@neknetwork.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [78928] Fox- New England Hunters needed!
Message-ID: <39B6D20A.C97FC4F4@neknetwork.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

We still have two slots open on the newly formed winter fox hunting team to represent New England. We know there are some talented hunters in New England. Please step forward!

So far we have:

Jim KC1FB
Joel K1QM
John KB1ENS

and a couple of possible catchy names. Email me directly if interested, and by all means you can add a team name to the list!

73,

John, KB1ENS
Holland, VT

--
John Wagner - john@neknetwork.com
Web page: <http://www.neknetwork.com>
Personal Web page: <http://www.together.net/~jwag>

Date: Wed, 6 Sep 2000 19:48:40 EDT
From: Lbschafer@aol.com
To: qrp-1@lehigh.edu
Subject: [78929] WTB: Heathkit HG10 vfo
Message-ID: <c2.3f11c9.26e831d8@aol.com>

MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I have a vintage Heathkit station and I need to round it out with purchase of the HG10 VFO. Please help...Lee, K7QD

Date: Wed, 6 Sep 2000 19:52:57 -0400
From: "Joe Malloy" <jmalloy@hamilton.edu>
To: <qrp-l@Lehigh.EDU>
Subject: [78930] Stupid Mistake #2 for Summer 2000
Message-ID: <000001c0185d\$951c0300\$6647eed8@mozart>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Ok, I confess. When I got back to work on my rather deaf SMK-1, I had a couple of good ideas provided by folks on the list (thanks, guys!). One was the mute switch (Q5?) and I eagerly tried shorting that to ground. I naturally expected to be greeted by a cacophony of sound (*desired* sounds that is) but my rx was still dead. Uh-oh. I was checking the placement of all the components and lo and behold, Q1 (absolutely essential to the receiving circuit!) was, ahem, AWOL. Yes, folks, I forgot to install a major piece of the pie. A quick check of the old junkbox and voila, I had a working SMK-1. (Boy, it really steams me that Doug Fifield expected *all* the parts to be installed, I tell ya'!)

What happened was, in brief, this: when it came time to install Q1 back in May, when I started on this project (which was dropped because Elecraft *rudely* send me the K2 I had ordered (hi!)), I had, er, um, sent the part flying to a land I know not where. Ok, I thought, I'll just order a replacement part and...<ding dong> oh, what's this, the K2! Wow! And thus were forgotten all details about ordering a replacement Q1 etc...

Well, last night I assembled my first cabinet (thank to NJQRP club, thanks, guys!) and when the rig was altogether, well, I was just tickled pink at the little rig! Thanks to the guys and gals at NorCal and especially Doug Fifield for this project! (Although, Doug, I'd recommend a rig design that doesn't require all its parts to work....(hi!))

73,

Joe, W2RBA

Date: Wed, 6 Sep 2000 16:57:39 -0700 (PDT)
From: Alan <aadelma@yahoo.com>
To: qrp-1@Lehigh.EDU
Subject: [78931] FS or trade: OHR 100 30 meter CW xcvr
Message-ID: <20000906235739.24954.qmail@web118.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

FS or trade: OHR 100 30 meter 5 watt CW xcvr. Has
full QSK, RIT. Output is continuously variable from 0
to 5 watts. Very good condition with manual.
Functions flawlessly, but I'm not a 30 meter guy.

\$100 CONUS or trade for 20 meter xcvr or backpackable
antenna tuner or 10 meter mobile rig.
Please send email to me at aadelma@yahoo.com.

Thanks -- Alan

Do You Yahoo!?
Yahoo! Mail - Free email you can access from anywhere!
<http://mail.yahoo.com/>

Date: Wed, 06 Sep 2000 20:54:50 -0400
From: "C. J. Ludinsky" <cjl@mitre.org>
To: neqrp@jonal.net, qrp-1@lehigh.edu
Subject: [78932] NEQRP WQ1RP CW Net, Thursday 9:00PM EDT, 3561MHz
Message-ID: <39B6E75A.12B011C9@mitre.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The New England QRP Club's CW net meets again on Thursday night at 9:00
PM EDT (i.e., 0100Z, Friday) on or around 3.561MHz. With fine, early
fall weather in the Northeast, we're expecting (or at least hoping) for
excellent conditions on 80M. Net op for Thursday's session will be
Chuck, K1CL.

With several of us in the Northeast checking into Tuesday night's MI QRP

Club net, we think we demonstrated that, even on these noisy summer nights, a QRP'er can reach out on 80M for a considerable distance. So with the summer fox season over and the fall season not yet started, come join us on 80M and test your ability to pull our QRP signals out of the summer QRN.

72 DE K1CL,
Chuck.

Date: Wed, 6 Sep 2000 21:35:14 -0400
From: "Stephen D. Cohen" <scohen@tampabay.rr.com>
To: "QRP-L Mailing List" <qrp-l@lehigh.edu>, "Jim Huhta" <aa4md@amsat.org>, "Jim Gerhart" <kd4rml@gte.net>, "Warren Elly" <w1gud@tampabay.rr.com>, "Garry Allen" <k4cyc@hamclub.org>, "Sean Dougherty" <kg4evw@arrl.net>, "Lee Seeley" <w4ckkt@arrl.net>, "Brian Wenholtz" <af4sr@hamclub.org>,
Subject: [78933] CLUB: WestFLA Meeting Moved to Saturday, 16 September 2000
Message-ID: <NDBBJALMDCJHFFPJMMFKAEBGDKAA.scohen@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Ladies and Gentlemen,

Due to a scheduling conflict for several members, as well as interference (schedule wise) with the Shuttle launch and the Melbourne Hamfest, this weekend (Saturday the 9th of September), the Western Florida QRP Club meeting has been moved to next week.

Thus the new date for the meeting will be on Saturday, the 16th of September. I will post another message next week indicating the new time and also outlining the goings on for the meeting. If anybody has anything special planned, please let me know before the meeting.

Questions should be forwarded to westfla@qsl.net.

73,

Steve, NF4X

Date: Wed, 6 Sep 2000 21:43:30 -0400
From: "David Porter" <dporter@voicenet.com>

To: "qrp-1" <qrp-1@Lehigh.EDU>
Subject: [78934] First DX in 35 yrs
Message-ID: <200009070143.VAA48604@nss4.cc.lehigh.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

After two days of listening to some sort of wide-band RFI, tonight was nice and quiet. Unfortunately, I couldn't find a spot near 7040, and a W1 wasn't returning my call, so I just kept cranking the DSW's dial. Finally stopped with a CQ from DL8FD. I couldn't even imagine that my two watts and end-fed half-wave wire would get me through, so I lurked for a while.

I tried to tag along at the end of a QSO, but he called CQ. I called....nothing. But he wasn't calling anyone else either, so I called again. Bang! 559 in Saar, Germany. I promptly got QRMed, and Hans called it quits, but not until he said that QSL is OK!

Last time I got Germany was with 75 watts, 35 years ago, and I thought THAT was QRP!

approx. 3896 miles for around 1934 miles per watt. Not too shabby.

David Porter
dporter@voicenet.com
AA3UR

Date: Wed, 06 Sep 2000 20:59:27 -0500
From: Brian <brian@iquest.net>
To: dporter@voicenet.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [78935] Re: First DX in 35 yrs
Message-ID: <39B6F67F.70DC6E31@iquest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

David,

Most excellent DX report!

Good job!

David Porter wrote:

>

> After two days of listening to some sort of wide-band RFI, tonight was nice
> and quiet. Unfortunately, I couldn't find a spot near 7040, and a W1
> wasn't returning my call, so I just kept cranking the DSW's dial. Finally
> stopped with a CQ from DL8FD. I couldn't even imagine that my two watts
> and end-fed half-wave wire would get me through, so I lurked for a while.
>
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> called....nothing. But he wasn't calling anyone else either, so I called
> again. Bang! 559 in Saar, Germany. I promptly got QRMd, and Hans called
> it quits, but not until he said that QSL is OK!
>
> Last time I got Germany was with 75 watts, 35 years ago, and I thought THAT
> was QRP!
>
> approx. 3896 miles for around 1934 miles per watt. Not too shabby.
>
> David Porter
> dporter@voicenet.com
> AA3UR

--

=====

KB9BVN NORCAL 2792 FISTS 5695 QRP-L 1540 QRP-ARCI 10223
39.558 N 86.095 W Johnson Co., Indiana
GRID: EM69WN - Ten Tec Scout - Attic Dipole - 5w
Proud to be a member of the American Radio Relay League
FISTS Century Club #764/#24 QRP - Flying PIG QRP #-57

=====

Date: Wed, 6 Sep 2000 20:27:01 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: QRP-L List <qrp-l@lehigh.edu>
Subject: [78936] The End of it ALL
Message-ID: <Pine.LNX.4.10.10009062005420.2008-1000000@cannac.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Every time I write a message to the QRP-L List I receive several e-mails from irate members that know far more about the subject than I and want me to agree that they are the "TRUE" experts. They take a message I wrote and expand on it and show how in the expanded case I am full of s...

This is appalling to me and I don't need to take any more. I was interested when yesterday a Ham asked a question and said he has been

lurking for 2 YEARS without asking a single question. This is a normal person who has no tolerance for snide comments or out and out hate mail.

Since this list has it's own Experts on antenna's, tuners, radios and electronic keyers I have nothing to say. For the most part I don't use the same things the Experts from this list provide because I'm an Electrical Engineer and can prove some recommended antenna's, tuners and baluns and such are not the best.

The Summer FOX Hunt was fun to me and I hope to enjoy the Winter FOX Hunts. My participation will be on this kind of subject only. If asked to give a technical answer to a question I will not. I will never comment again on my antenna or rig to this list.

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Wed, 06 Sep 2000 22:23:52 -0400
From: arrowhead1@characterlink.net (Ted Danchi)
To: QRP-L Reflector <qrp-l@Lehigh.EDU>
Subject: [78937] .38 Special PC board or manual?
Message-ID: <39B6FC38.FA952634@characterlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Does anybody have an extra .38 Special PC board and/or manual they would part with? I can't offer much, but I am interested. I think I can collect the parts pretty easily. A board would make it easier to build, and I guess a manual would be kind of helpful too...

--
Michael F. Danchi, KE4TSA
Violinist
"Guardian 7"

Date: Wed, 6 Sep 2000 22:28:23 -0400
From: hamjoel@juno.com
To: qrp-l@lehigh.edu

Subject: [78938] Re: Determining Tree Height
Message-ID: <20000906.222824.-321705.0.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

> Surely the Ham method of measuring tree height would be to hang a
> wire from the top and find the frequency at which it resonates at, say,
a
> quarter wavelength.
> Simple;-))
> Ted, G0ULL
>

nOT so simple Ted.... the measurement would be distorted by the
proximity of the tree, end effect, ur body next to wire and many other
things I suspect... :-) ;-) hee hee 'mazing how things get complicated
an't it...
ke1la joel

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<http://dl.www.juno.com/get/tagj>.

Date: Wed, 6 Sep 2000 22:49:59 -0400
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: "INTERNET:dporter@voicenet.com" <dporter@voicenet.com>
Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>, QRP-L Discussion Group
<QRP-L@Lehigh.edu>
Subject: [78939] First DX in 35 yrs
Message-ID: <200009062250_MC2-B26C-F43D@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
charset=ISO-8859-1
Content-Disposition: inline

David:

Way to go, guy. Thanks for sharing it, and for your enthusiasm. =

72/73,

--W.D. (Doc) Lindsey
DSBF
PO Box 6028
Bismarck, ND 58506
(Shipping =3D DSBF, 2020 Lovett Ave, Bismarck, ND, 58504)
E-Mail =3D K0EVZ@arrl.net

Date: Wed, 6 Sep 2000 22:53:45 EDT
From: RangerSF5@aol.com
To: k5di@zianet.com, qrp-1@lehigh.edu
Subject: [78940] Re: The End of it ALL
Message-ID: <75.94cd19a.26e85d39@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 9/6/00 10:27:45 PM Eastern Daylight Time, k5di@zianet.com writes:

<<

Since this list has it's own Experts on antenna's, tuners, radios and electronic keyers I have nothing to say. For the most part I don't use the same things the Experts from this list provide because I'm an Electrical Engineer and can prove some recommended antenna's, tuners and baluns and such are not the best.

The Summer FOX Hunt was fun to me and I hope to enjoy the Winter FOX Hunts. My participation will be on this kind of subject only. If asked to give a technical answer to a question I will not. I will never comment again on my antenna or rig to this list.

>>

I know the feeling Karl and you'r letter was long over due. It was for reasons you stated above that I mail others direct when I see a post made by someone I think can help me out and not receive any smart *** remarks.

Bob

WA2HQrp <tm>.....99% lurker

Date: Wed, 06 Sep 2000 20:57:09 -0600
From: "James R. Duffey" <jamesd1@flash.net>
To: <qrp-1@lehigh.edu>, <mmfanche@gateway.net>
Subject: [78941] Re: R-7000 Vertical or Dipole
Message-ID: <B5DC6023.266F%jamesd1@flash.net>

Mime-version: 1.0

Content-type: text/plain; charset="US-ASCII"

Content-transfer-encoding: 7bit

Mark - I suggest that you put up both antennas. Be able to switch between the two. There are a number of reasons to have two antennas, particularly if one is horizontally polarized and one is vertically polarized.

1. There are times when one antenna will yield a better signal than the other, and it is nice to be able to use the one with the best signal (Actually best signal to noise ratio). I would guess that your 40 M dipole will probably give the best signals most of the time, but there will be times when the vertical will be better.
2. You may find that QRM is lower on one antenna than the other, so that even if the signal is lower, it will be easier to copy. The vertical will have a null overhead which the dipole does not, so that close in strong stations will be weaker on the vertical. This may be better when you are trying to work stations much further away than the QRM is.
3. You may find that noise will be lower on the vertical for the same reason as 2), except that in this case, close in noise sources, such as thunder storms in summer, may be attenuated more on the vertical than on the dipole.
4. If you ever get a second radio, it is nice to be able to listen to two of them at a time. As an example, get a cheap 10 M transceiver and put it on the R-7000 to monitor the band for openings while you work 40 M. You may also get into satellite work later on and you can work RS-12/13 Mode K with one antenna on 15 M uplink and one on the 10 M downlink.
5. If you get a higher band radio and want to use the dipole on the higher bands, there will be nulls in certain directions. The vertical will fill in these directions and provide you with whole earth coverage, albeit it at lower gain than with the dipole in its preferred direction. As an example, at my QTH if the 40 M dipole is set up so the main lobe is centered on Europe on 20 M and 17 M, on 15 M and higher there will be a null towards Europe and lobes centered on South Africa. If you want to work everywhere in the world, you just about need to rotate the antenna, have two antennas, or have an omnidirectional antenna like the vertical.
6. If you get serious into contesting you may wish to operate with two radios. The second antenna will come in useful here.
7. If something goes wrong with one antenna, you always have a backup. This is particularly good in winter when it is not always easy to do antenna work. Voice of experience.

If you put up the vertical use a choke, or current balun at the feedpoint to

reduce feedline radiation. These are easy to make; directions for scramble wound air core baluns are in the handbook, as are directions for bead baluns; both of which are simple to make and effective.

I hope that this helps. Let us know how this all turns out. - Dr. Megacycle

--

James R. Duffey KK6MC/5
30 Casa Loma Road
Cedar Crest, NM 87008

Date: 6 Sep 00 22:00:12 EST
From: M Goins <mgoins@usa.net>
To: qrp-l@Lehigh.EDU
Subject: [78942] K2 SSB DX
Message-ID: <20000907030012.3032.qmail@awcst094.netaddress.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable

K2 #621 is on SSB for the first time and worked VK3MW and KH6BBC on 10 meters with 2 watts (normally run 1 watt with the Kenwood 440 but wasn't sure if the Heil headset would put out enough audio to work anyone at all). Back to 1 watt. =

Love the rig - especially the receiver. Amazing.

mike
wb5yjx
S0C 53
K2 #621

Get free email and a permanent address at <http://www.amexmail.com/?A=3D1>

Date: Wed, 06 Sep 2000 23:02:32 -0400
From: arrowhead1@characterlink.net (Ted Danchi)
To: QRP-L Reflector <qrp-l@Lehigh.EDU>
Subject: [78943] UPDATE: .38 Special PC board or manual?
Message-ID: <39B70548.AC4FCDC4@characterlink.net>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thanks for the replies. My question is answered.

Michael F. Danchi, KE4TSA
"Guardian 7"

Date: Wed, 6 Sep 2000 23:02:02 -0400
From: "Hugo W. Catta" <cx9aak@bellatlantic.net>
To: <ka9nzi@arrl.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [78944] Re: Determining tree height
Message-ID: <008401c01878\$027c0c00\$0100005a@WinProxy>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Just buy an helium filed baloon at your local convenience store, (\$2.00
??), and use some lightweight fishing line.
Is a no-brainer.
I can't belive this thread.

72,
Hugo
CX9AAK/W2

Date: Wed, 6 Sep 2000 22:16:18 -0400
From: "Mike Duke" <k5xu@concentric.net>
To: "qrp" <qrp-1@lehigh.edu>
Subject: [78945] Midland Bug
Message-ID: <000a01c01872\$013bab80\$13320140@k5xu>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

In the late 60s, and perhaps through their demise, Lafayette Radio sold a
mostly plastic bug made by Midland.

A non-ham friend gave me one of these bugs for Christmas in 1969, the year
that I earned my Novice ticket. I ran it until it literally fell to pieces.

What is the going price for one of these relics in reasonable condition?

Mike Duke, President,
Mississippi Council of the Blind

Date: Wed, 6 Sep 2000 22:41:41 -0500 (CDT)
From: Adrian Weiss <aweiss@usd.edu>
To: qrp-l@lehigh.edu
Subject: [78946] RE: USSR Prefix/Suffix Map -- for DX'rs only
Message-ID: <Pine.SOL.4.03.10009062231550.26636-1000000@sunburst.usd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi gang:

Perhaps a few of you might be interested in a huge printed map with all the latest prefixes/suffixes and CQ zones etc. I worked August ES1WN several times on 30m and finally got his QSL which included a note that his "life's work" (the map) was available for something like \$15 U.S. Got it today and not enough room to actually spread it out on the desk (20" high by several feet wide). But, there the stuff was that I never had the slightest inkling about -- where's UA0F--, or UA9I-- ? When I have a bit of free time, I'm going to match up the USSR stns in my log with locations.

If you want one of these, send \$15 to:

August Parn
Box 1649
Tallinn 6
Estonia

8 great-looking stamps on the mailing tube as well!

I received QSL #104 today -- VP6BR, Pitcairn!

XF1/F6BUM has been running on 10103.8 since 0245 when I caught him tuning up and nailed him. He's showing up the last couple of nights around 0200-0230. Check it out!

72, Ade

Date: Wed, 6 Sep 2000 23:53:50 -0400
From: "George Heron N2APB" <n2apb@erols.com>
To: "NJQRP" <NJQRP@njqrp.org>, "QRP-L" <qrp-l@lehigh.edu>
Subject: [78947] Re: Chas Kitchen Regen etc
Message-ID: <006501c0187f\$3d33ebe0\$0100000a@gheron>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Just a quick follow-up to the posting I made yesterday concerning some problems I was having getting the "Simple Regen Radio" from Charles Kitchin, N1TEV working in the Manhattan-style construction form.

Well, with some good advice received from some list members here, and especially some detailed tips from Charles himself, I now have a couple of Boy Scouts down here in the shack bouncing off the walls hearing some nice, strong short wave broadcast stations for the first time! What a beautiful sounding receiver. These teens are totally psyched and hooked on this "radio-thing" upon hearing Radio Czechoslovakia booming in from a radio that they built from scratch.

Not sure which of the recommendations did the big trick, but I suspect it was the gain cap on the LM386. Recalling that it was built Manhattan-style, the bent over pin 1 lead on the IC socket wasn't quite making it down to the little pad I was using and I hadn't noticed it before. I also changed over the .001 caps from mylar to disc, given that they should be better at RF than the mylars. And indeed that boosted the oscillation from the transistor. I also swapped out the transistor to a metal can version of the 2N2222A and it also seemed to provide a bit more gain. Conversely, with the original lower gain transistor, I lowered the 150K resistor a bit and it seemed to help out some too.

This project by the two scouts is definitely making it into the next issue of QRP Homebrewer (Summer 2000, issue #4, currently in the edit stages), and it'll make a wonderful homebrewing article that I hope many will enjoy.

If you haven't been bitten by the Regen bug yet, get out your soldering iron and give this one a try. The N1TEV article in September QST is wonderfully clear and easy to follow. Just be careful when doing it ugly style and soldering your IC sockets to Manhattan pads! :-)

The kids have been listening on this thing for the last couple of hours straight ... they don't want to leave tonight! And I must admit, the magic of this regen has me smitten too!

73, George N2APB
n2apb@amsat.org

PS: And thanks again to N1TEV, NV4V, KB2SYB, N2CX, G4WIF and KK7ZZ for their insightful pointers.

Date: Thu, 7 Sep 2000 00:07:31 EDT
From: GElam30092@aol.com
To: qrp-1@lehigh.edu
Subject: [78948] OT: Vacation report/some qrp content (longish too)
Message-ID: <e1.95dc84e.26e86e83@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Well, I just finished another Mojave Desert trip that was quite a bit of fun even for this time of the year. I left PHX on Friday afternoon and met a Jeepster friend in Needles, CA for the night.

We got up early on Saturday and got on the trail after a leisurely breakfast. We only covered about 50 miles the first day making quite a few stops for this, that and the other.....taking pictures, looking at the sites, chasing lizards, etc. We spent that night at Rock Springs which is at about 4000 ft. (guessing) and it was quite, quite cold that night.

I did bring my laptop and K2 on the trip. I was able to make QRP contacts each night and each night, I got one operator to send an e-mail to my daughter letting her know where we were. My best was into Argentina at 5 watts.

The second night, we camped near Kelso Dunes and the temp. was much more agreeable. On both nights, the sky was incredibly clear and filled with stars! My laptop power supply was acting up so I kept the operating short for that reason and so I wouldn't ignore others on the trip too.

On the third day, we crossed Soda Lake with is always dangerous if even slightly wet. But we didn't have any problems and continued towards the flood plain where I came as close as I've ever come to getting stuck in the flood plains! We made our way up Alton Canyon and exited just outside of the BLM campground outside of the canyon. On the entire trip which covered 123 miles, we only saw 4 other vehicles.

Spent most of the day in Death Valley today. What an experience. I went down off of the Badwater area on a side road and was at -200 ft. altitude. I

stopped for about an hour and set up the radio to see what kind of success I could get at that extreme. I could only last about an hour since it was kind of warm today!

Needless to say, the contacts weren't difficult. I was more interested in the novelty of operating from below sea level. Most times, we concentrate on the other end of the altitude spectrum so this was different. Seems like there's a t-shirt saying in there somewhere..... "QRP & Below Sea Level: How Low Can You Go?" or something like that.

As I was sitting there in the middle of the valley, I felt something flutter in at my feet. I thought it was a piece of plastic or something but when I looked down, I realized it was a dove. It sat there and worked its way from the under the rear of the Discovery to under the front never leaving the shade.... for at least 15 minutes. I guess when there's no shade for miles around, you can't be too picky about the company you keep.

I enjoyed this trip so much, it started me thinking about a trip on a much grander scale.... I have friends who did a 'round-the-world' trip last year (see <http://www.aroundtheworld1999.com/>) and it seems like maybe it's a good goal to set. Or maybe from South America to northern Canada. Got to have dreams right?!

Cheers,
Gerry Elam, K7LR0
PHX AZ

Date: Thu, 07 Sep 2000 00:29:16 -0400
From: Scott Bauer <w3cv@pcbank.net>
To: qrp-l@lehigh.EDU
Subject: [78949] RE: USSR Prefix/Suffix Map -- for DX'rs only
Message-ID: <4.2.0.58.20000907002504.009bf380@mail.pcbank.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hi Folks, I have the same map and agree with Ade. It is worth every penny and more. Get yours while they last!!

Scott W3CV

At 10:41 PM 9/6/2000 -0500, you wrote:

>Hi gang:

>

>Perhaps a few of you might be interested in a huge printed map with
>all the latest prefixes/suffixes and CQ zones etc. I worked August
>ES1WN several times on 30m and finally got his QSL which included

>a note that his "life's work" (the map) was available for something
>like \$15 U.S. Got it today and not enough room to actually spread it
>out on the desk (20" high by several feet wide). But, there the stuff
>was that I never had the slightest inkling about -- where's UA0F--,
>or UA9I-- ? When I have a bit of free time, I'm going to match up
>the USSR stns in my log with locations.

>

>If you want one of these, send \$15 to:

>

>August Parn

>Box 1649

>Tallinn 6

>Estonia

>

>8 great-looking stamps on the mailing tube as well!

>

>I received QSL #104 today -- VP6BR, Pitcairn!

>

>XF1/F6BUM has been running on 10103.8 since 0245 when I caught him
>tuning up and nailed him. He's showing up the last couple of nights
>around 0200-0230. Check it out!

>

>72, Ade

Date: Thu, 07 Sep 2000 00:46:10 -0400

From: Pete Burbank <plburbank@kih.net>

To: <qrp-1@Lehigh.EDU>n2apb@erols.com

Subject: [78950] Re: Chas Kitchen Regen etc

Message-ID: <3.0.32.20000907004605.008ec770@kih.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

At 11:53 PM 9/6/00 -0400, you wrote:

>Just a quick follow-up to the posting I made yesterday concerning some
>problems I was having getting the "Simple Regen Radio" from Charles Kitchen,
>N1TEV working in the Manhattan-style construction form.

>

>Well, with some good advice received from some list members here, and
>especially some detailed tips from Charles himself, I now have a couple of
>Boy Scouts down here in the shack bouncing off the walls hearing some nice,
>strong short wave broadcast stations for the first time! What a beautiful
>sounding receiver.

Dear George.

IMHO the posts you received would be of great interest to many on the list.

Could you post a summary of the suggestions? eg Charles Kitchens thoughts.

I'm sure this topic is legal and much more interesting than solder stations.

73 Pete NV4V

Date: Wed, 6 Sep 2000 22:43:35 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: qrp-l@lehigh.edu
Subject: [78951] FOX: Summer Fox Hunt Final Results!
Message-ID: <39B6C897.7844.1B153B7@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

The results of the QRP-L Summer 20M Fox Hunt have been posted on the web site at <http://www.cqc.org/sfox>, and I'll append them to this for those who can't get to the web.

I will make some detailed comments later, but for the moment will let the results speak for themselves.

First.... the Foxes:

QRP-L SUMMER 20 Meter FOXHUNT

Final Results:
The Foxes...

After Hunt Number 20

Callsign	First Hunt	Second Hunt	Total	
K0EVZ	69	42	111	
AE2T	63	76	139	
N5TW	68	75	143	
WJ1R	53	88	141	
W8RU	56	77	133	
N4ROA	63	60	123	
N0UR	73	75	148	
K7QO	30	-	30	
N1FN	92*	92	184	Top Fox
NW7DX	72	91*	163	
AJ4Y	-	61*	61	

- did not run
- * one of two foxes on at same time

Total pelts issued: 1376

And now..... the Hounds Results:

QRP-L SUMMER 20 Meter FOXHUNT

Final Results:
The Hounds

After Hunt Number 20

20 Foxes worked in 20 Hunts-- PERFECT SCORE!

The three Perfect Score Hounds have been ranked using their Golf Score, based on how quickly (minutes elapsed in the hunt) they worked each Fox.

1. K0EVZ Grand Champion!
2. AJ4Y
3. AE9F

The following groups of hounds are shown in alphabetical order, but will be Golf Score ranked for purposes of awards.

19 out of 20

K6VNX
N1FN
NW7DX
VA6RF
W7ILW
WJ1R

18 out of 20

K5DI
N5TW
NK7M

17 out of 20

AF4PS
AJ4AY
K5AAR

N4ROA
N07X
W0CH

16 out of 20

K50I
KA1DDB
N1TP
N5IB
N6WG
W5YR
WA7SPY

15 out of 20

K7TQ
N5ZE
NV4V

14 out of 20

AF5Z
K1QM
KC1FB
N0UR
VE5RC
VE5VA
VE7SL
W5YW
WD5CMA

13 out of 20

AA7EQ
AF4LQ
NK6A
WS4S

12 out of 20

K9IUA
KG4BIG
W2XN

11 out of 20

AA5UN
K5LN
K7QO
N5IW
N6MM
W7MD
W7QQQ

W8DIZ

10 out of 20

K8CV

9 out of 20

AG0T

KB1ENS

KB7WW

8 out of 20

KI0II

KM5VY

N0RC

N9AW

NK9G

NM5M

W4EN

W6BAB

7 out of 20

K5JHP

K5ZTY

KA5T

N8IE

W4NJK

WB8RCR

6 out of 20

AB8DF

AF4PP

K2ZN

K5DW

KA9TXE

KF2P

KK5LD

N5GLQ

N9SE

5 out of 20

K0FRP

K3NY

K5TR

K5UP

K8ZT

KB9BVN

N1ODL

N4S0

N5FC
N5GJQ
N7CQR
W0AV
W0HEP
W6ABC
W9UQB
WB0HQP

4 out of 20

AB0CD
AE2T
K0C0
K5BGB
K5E0A
KI0RB
KK6MC
N6NU
NN5B
VA7NT
W0RW
W3CD
WB6JBM

3 out of 20

K0PC
K1CL
K4LKL
KE1LA
KK7GG
KQ5U
KU7Y
N3WT
N4HAY
N7XY
VE5QRP
VE6JAZ
VE9GM
W1R0
W3ERU
W4EEX
WA0SXV
WZ2T

2 out of 20

AA0B
AA0ZZ
AC7AC

AC7CF
AD6JY
AK1P
JR1NKN
K0SQ
K0Y0
K1JD
K1MG
K4AVX
K4LL
KA8LLE
KB7MBI
KB7N
KD5CMN
KD6VIO
KD7CTF
KF2DA
KG4IKQ
KU4AF
N0TK
N0TU
N1TM
NA6E
VE3ZBU
W0JOE
W0UFO
W1II
W1XT
W2RBA
W5JAY
W6ZH
W7VP
W8RU
WA4QDM
WA9PWP
WB5QYT
WD40JY
WD9IFF
WE7G

1 out of 20

AA2MT
AA6AV
AA8IV
AA9IV
AB0GO
AB7MY
AC4HF

AC7AX
AE4MU
AE9K
AF4S
F5JD
HP1AC
K0EPK
k0QD
K0ZK
K1LOG
K4A0
K4GZZ
K5AX
K5KW
K5PSH
K5QLF
K6III
K6WG
K7FD
K7UD
K8BBM
K8XF
KA0ERU
KA4LBD
KB2SWY
KB3CRT
KB5MHS
KB6FPW
KC5MC
KC5NT
KC7TUP
KD7AEE
KD7KTF
KF6RMK
KG7PV
KI0MZ
KM4LS
KN6YD
KQ0I
KR5C
KT3A
KW3U
KW7D
KX3X
N0AR
N0MF
N0RZ
N1KI

N1TR
N1YJ
N2CQ
N3LAZ
N5IG
N5JI
N5MX
N5NF
N5UW
N6GA
N6TUU
N6XU
N7CEE
N8ME
N8NRG
N9BOR
N9QIL
NA1XX
NC90
NF0R
NI0A
NP3D
NR0NR
NR1DX
NT2A
NU0V
PY2CWS
SM4BNK
SM4MWJ
VE3JC
VE3VRA
VE3VX0
VE7BGP
W0CP
W0CQC
W0HEM
W1CFI
W1HUE
W2APF
W2KJ
W2ZGB
W3BB0
W4SI
W4WLG
W6ASH
W6CJ
W7
W7AQK

W7HLO
W7HQJ
W7HR
W7QC
W7ZOI
W8HRQ
W9DYG
WA4DOU
WA4GIJ
WA6HZY
WA8BXN
WA8KOQ
WB0JNR
WB5GWB
WB8YYY
WQ0RP
WT6P

288 Hounds collected 1376 Fox pelts.

Congratulations to all of the Foxes and Hounds, and good luck in the next hunt!

For The QRP-L Summer Foxhunt Committee,
N1TP, K0EVZ, K1MG, N1FN

Marshall Emm, N1FN
Milestone Technologies, Inc.
(303) 752-3382
<http://www.mtechnologies.com>

Date: Wed, 6 Sep 2000 21:58:04 -0700 (PDT)
From: Steve Yates <aa5tb@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [78952] Re: The End of it ALL
Message-ID: <20000907045804.15929.qmail@web3002.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I don't get it.

--- "Karl F. Larsen" <k5di@zianet.com> wrote:

"...I'm an Electrical Engineer and can prove some recommended antenna's, tuners and baluns and such are not the best."

"Since this list has it's own Experts on antenna's, tuners, radios and electronic keyers I have nothing to say."

Do You Yahoo!?
Yahoo! Mail - Free email you can access from anywhere!
<http://mail.yahoo.com/>

Date: Thu, 7 Sep 2000 01:21:44 -0400 (EDT)
From: Bob Patten <n4bp@bc.seflin.org>
To: Bill Coleman AA4LR <aa4lr@radio.org>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [78953] Re: NA Sprint
Message-ID: <Pine.3.89.10009070100.A19334-01000000@bc.seflin.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 6 Sep 2000, Bill Coleman AA4LR wrote:

>

> While the NA Sprint is fun, fast and furious, you should be aware that
> most participants are QRO, or as QRO as they can get. It's hard enough
> doing the sprint with 100 watts, but with QRP, it can be really
> frustrating.

Actually, the format of the NA Sprint is quite QRP friendly. The fact that QRO stations cannot sit on a freq and run stations is a great equalizer. I did the first NA Sprint this year (there are two per year) with QRP and averaged better than 40 Q's per hour. I really did feel comfortable running 5W in along with the 1500W guys. Unfortunately, there is no separate category for QRP though...

>

> The NA QSO Party, which occurs in August and January, is a much better
> equalizer, since all participants must run 100 watts or less. Better
> chance for the QRP ops.

Also QRP friendly, but not necessarily any more so than the sprints.

73,

, ' ' ' ,

Bob Patten, N4BP

(0 0)

Plantation, FL

-----o00o-()-o00-----

E-Mail: n4bp@bc.seflin.org

Web Page: <http://www.qsl.net/n4bp>

Brass Pounder BBS: (954) 472-7715

QRP ARCI #3412 ARS #799 SOC #1 Whiners #6

Date: Wed, 6 Sep 2000 22:21:23 -0700

From: "K7FD-N7SG" <cqdx@teleport.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [78954] Homebrew Pic's: LED SWR n' Transmatch

Message-ID: <002101c0188b\$77fc0620\$66231ad8@default>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Please take a moment and check out the handi-work of Dee, K7UD. His projects/photo's are featured in this week's Members on the Move at:

<http://www.teleport.com/~cqdx/qrpclub.htm>

Taking a cue from articles featured in the ARS Sojourner, he's put his own twist on a nifty LED SWR indicator and a compact transmatch...good stuff!

73 John K7FD

Date: Wed, 06 Sep 2000 22:34:36 -0700

From: Don Minkoff <cowchip@mediaone.net>

To: qrp-1@Lehigh.EDU

Subject: [78955] portable Maui with K2

Message-ID: <39B728EC.DA318CD@mediaone.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Just wanted to let the list know that I will be KH6/NK6A for the next 8 days from Maui. This will be my first portable operation for me from

Hawaii and the first with my K2. I plan to be on 20M and 30M but will try other bands as conditions warrant.
I probably will be on after 0400Z and early morning.

--

Don Minkoff - NK6A
QRP-L 1217
K2# 1217
QRP-ARCI #4826

Date: Wed, 6 Sep 2000 22:35:46 -0700
From: "Alan Kaul" <alan.kaul@worldnet.att.net>
To: <qrp-l@lehigh.edu>
Subject: [78956] OT: NASA Studying sunspots at sunspot maximum
Message-ID: <000601c0188d\$7a870be0\$98c3480c@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I though list-members who are interested in propagation and sunspots might be interested in the following item from NASA's Jet Propulsion Laboratory.

Alan Kaul, W6RCL, LaCanada, CA
w6rcl@amsat.org , <http://home.att.net/~alan.kaul/index.html>

-----Original Message-----

From: JPLNews@jpl.nasa.gov <JPLNews@jpl.nasa.gov>
To: undisclosed-recipients:; <undisclosed-recipients:;>
Date: Wednesday, September 06, 2000 10:34 AM
Subject: Ulysses studies the Sun's polar cap at sunspot maximum

>MEDIA RELATIONS OFFICE
>JET PROPULSION LABORATORY
>CALIFORNIA INSTITUTE OF TECHNOLOGY
>NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
>PASADENA, CALIF. 91109 TELEPHONE (818) 354-5011
><http://www.jpl.nasa.gov>
>
>Contact: Martha J. Heil (818) 354-0850

>

>FOR IMMEDIATE RELEASE

September 6, 2000

>

>ULYSSES STUDIES THE SUN'S POLAR CAP AT SUNSPOT MAXIMUM

>

> The Ulysses spacecraft, on a mission to explore the Sun at
>extreme latitudes, today begins its investigation of the Sun's
>south polar region. This will be the second time Ulysses has
>passed under the Sun, but this time the glowing orb will look and
>act very differently because the Sun has reached solar maximum, a
>time of heightened activity.

>

> Ulysses was able to assess the Sun during the relatively
>quiet solar minimum between 1994 and 1996. Now it will fill in
>the gaps with observations during the solar maximum, thus
>completing observations during a full sunspot cycle of 11 years.

>

> "Ulysses has been making continuous observations of the Sun
>and heliosphere for the last 10 years," said the U.S. project
>scientist for Ulysses, Dr. Edward Smith of NASA's Jet Propulsion
>Laboratory, Pasadena, California. "The scientists involved are
>still as enthusiastic as ever and are looking forward to
>discovering lots of new things as the Sun acts up."

>

> Scientists are interested in learning about sunspots, solar
>flares and coronal mass ejections, chunks of the Sun's outer
>atmosphere that blow off into space and can strike the Earth,
>causing aurorae and interrupting satellite communications.

>

> The scientific investigations on Ulysses are studying the
>Sun's corona, its gaseous outer atmosphere, which extends far
>beyond the orbit of Earth. This gas moves outward through the
>solar system at high speed, and therefore is called the solar
>>wind. In addition to affecting Earth and other planets, this wind
>pushes the gas and dust that occupies the space between the stars
>out of the solar system and forms a "bubble" in the interstellar
>medium called the heliosphere. In spite of the Sun's effort to
>keep out interstellar matter, some of the gas and dust penetrates
>the bubble and is found throughout the heliosphere. A major goal
>of Ulysses is to study incoming cosmic rays -- nuclei of atoms
>travelling at nearly the speed of light -- and how they interact
>with the solar wind.

>

> During its first passage over the Sun's poles at solar
>minimum, Ulysses showed that there are two kinds of solar wind --
>slow wind near the equator and very fast wind near the poles.
>Ulysses has found that although the Sun's magnetic field is
>strongest near the poles, as the solar wind pushes it outward,

>the magnetic field eventually has the same strength over the
>equator as over the poles. The spacecraft will measure the
>magnetic field around the Sun and the ions emanating from it. It
>will try to find out how changes in the strength and direction of
>the magnetic field affect both the solar wind, coming from the
>Sun, and the cosmic rays, coming toward the Sun.

>

> During the previous solar polar passes, scientists had
>expected to find that the cosmic rays would be funneled toward
>the poles by the Sun's magnetic field. But this wasn't what they
>found, at least not during solar minimum. Will this be the case
>during solar maximum? The Ulysses team hopes to find out.

>

> Ulysses is the only spacecraft to reach such high solar
>latitudes. Most spacecraft -- like the planets -- move around
>the Sun in slightly tilted planes, compared to the Sun's equator.
>Ulysses has gone well above the solar equator, as far as 80
>degrees north and south solar latitudes -- equivalent on Earth to
>traveling from the northern tip of Greenland to Antarctica in the
>south.

>

> Ulysses, launched in 1990, is a joint venture of NASA and
>the European Space Agency. JPL manages Ulysses for NASA's Office
>of Space Science, Washington, D.C. More information on the
>Ulysses mission is available at the JPL Ulysses website:
><http://ulysses.jpl.nasa.gov> and the ESA Ulysses website,
><http://helio.estec.esa.nl/ulysses/> .

>

> #####

>9/6/00MJH

>#2000-086

>

>-----
>You are subscribed to JPL's news mailing list. To unsubscribe,
>please send an e-mail to JPLNews@jpl.nasa.gov and in the body
>of the message include the following line.

>

>unsubscribe news

>

>Please do not reply to this e-mail.

>For help, send a message to listmaster@www.jpl.nasa.gov.

>

Date: Thu, 07 Sep 2000 07:37:12 GMT

From: "Leon Heller" <leon_heller@hotmail.com>

To: cqdx@teleport.com, qrp-1@Lehigh.EDU
Subject: [78957] Re: Homebrew Pic's: LED SWR n' Transmatch
Message-ID: <F64QTGpaoG1VRIjn04x00004776@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>Please take a moment and check out the handi-work of Dee, K7UD. His
>projects/photo's are featured in this week's Members on the Move at:
>
><http://www.teleport.com/~cqdx/qrpclub.htm>
>
>Taking a cue from articles featured in the ARS Sojourner, he's put his own
>twist on a nifty LED SWR indicator and a compact transmatch...good stuff!

The current issue of RadCom has a PIC-based "ATU" design.

73, Leon

--

Leon Heller, G1HSM
Tel (work): +44 1327 357824 Tel (mobile): +44 79 9098 1221
InfraRed Integrated Systems Ltd., Towcester Mill, Towcester, Northants.,
NN12 6AD, United Kingdom.
Email:leon_heller@hotmail.com
Web page: <http://www.geocities.com/SiliconValley/Code/1835>

Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>.

Share information about yourself, create your own public profile at
<http://profiles.msn.com>.

Date: Thu, 07 Sep 2000 20:53:23 +1000
From: "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
To: k5di@zianet.com, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [78958] Re: The End of it ALL
Message-ID: <39B773A2.8DF51F6E@integritynet.com.au>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1

Content-Transfer-Encoding: 8bit

"Karl F. Larsen" wrote:

> Every time I write a message to the QRP-L List I receive several
> e-mails from irate members that know far more about the subject than I
> and want me to agree that they are the "TRUE" experts. They take a message
> I wrote and expand on it and show how in the expanded case I am full of
> s...

Karl,

Over a period of time I have come to respect and enjoy your posts to this list.

In recent times I have become increasingly disturbed by posts from people feeling they are being "hounded" away from our most valuable list. I am at a total loss to understand what is going on.

This list is one of the most valuable technical resources I know of. There is ample room for informed robust opinion.

I do know that the posts from people whom I admire and certainly respect are becoming increasingly less frequent. That is our collective loss.

Disparaging emails, private or public have no place here whatsoever.

I can recall personally a number of times I have technically disagreed with posts made to QRP-L only to be subsequently proven soundly wrong. Thank God I wasn't stupid enough to respond either privately or in public.

Point in fact, today a kind soul who is a ham, pointed out a glaring manifest error on my latest web site. Was it a snide comment? No, in the true spirit of ham radio he was kind enough to draw my attention to the fact... "Did I consider....

Of course I was, in this instance, in error and it being drawn to my attention in the most courteous terms I could only feel grateful for a person offering help. Errors do occur.

However, I have this ongoing feeling that the spirit of QRP-L in particular and, ham radio in general is being "trashed" here. I don't understand why.

I consider myself most fortunate. Through this list I have forged many, nay a veritable great, great many, enduring friendships across many nations. I owe so much to so many who have consistently offered practical help, advice, guidance whenever needed it. Truly I sincerely believe my life has been greatly enriched by so many the people on this list.

So what is our problem?

Why did Karl feel moved to write what he did?

Why don't the "greats" contribute so much anymore?

We better find answers. This list is too precious a resource, firstly in human terms and secondly in technical terms.

72/73's

Ian Purdie Budgewoi N.S.W. Australia - Co-ords S33 14', E151 34'
My FREE Newsletter: <http://www.electronics-tutorials.com/subscribe.htm>
VK2TIP "I'll give ya the TIP mate" QRP-L #1978. SOC #171 FP#91
URL - <http://www.electronics-tutorials.com/>

Date: Thu, 07 Sep 2000 21:05:29 +1000
From: "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [78959] Re: The End of it ALL
Message-ID: <39B77678.97C6AC52@integritynet.com.au>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

Following on from my earlier post might I be permitted to add:

"Personally, on this list I have always been treated with the utmost respect and dignity - friendly chiding aside".

That to me, is the enduring spirit of ham radio which builds bridges across nations.

72/73's

Ian Purdie Budgewoi N.S.W. Australia - Co-ords S33 14', E151 34'
My FREE Newsletter: <http://www.electronics-tutorials.com/subscribe.htm>
VK2TIP "I'll give ya the TIP mate" QRP-L #1978. SOC #171 FP#91
URL - <http://www.electronics-tutorials.com/>

Date: Thu, 07 Sep 2000 07:22:43 -0400
From: neil tanner <ntan@crosslink.net>
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Subject: [78960] nw20 testing...
Message-ID: <39B77A83.1BD6921F@crosslink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Greetings....

I will be testing the HB NW20 this evening at 10pm edt around 14060
+/-....I am not sure if the xmit osc is on the "wrong side" so unless I
actually work someone, I will just send the name of my boat, after a
series of "v's". I will be one for about 30 min....if we don't make a
qso but you have copied me, please let me know how it sounded...tnx
72 neil wa4chq

Date: Thu, 07 Sep 2000 07:55:11 -0400
From: Ken Newman <N2CQ@citnet.com>
To: epaqrp-1@lehigh.edu, QRP-L@lehigh.edu, njqrp@njqrp.org
Subject: [78961] CONTEST: QRP Contesting Sept 9/10
Message-ID: <3.0.6.32.200009070705511.007d78d0@mail.citnet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

~~~~~  
QRP CONTEST CALENDAR

September 9/10, 2000

~~~~~  
Worked All Europe DX Contest (SSB)

Sep 09 - 0000z to Sep 10 - 2400z

Rules: <http://www.sk3bg.se/contest/waedxc.htm>

~~~~~  
ARRL September VHF QSO Party (All) ... QRP Portable Category

Sep 09 - 1800z to Sep 11 - 0300z

Rules: <http://www.arrl.org/contests/announcements/rules-09vhf.html>

~~~~~  
ARS - Top of the World "Happening" (All) *** QRP Field Event

Sep 09 - 1800z to Sep 11 - 0300z

Rules: http://www.natworld.com/ars/pages/top_of_the_world/top_rules.html

(Linked to ARRL September VHF QSO Party)

~~~~~  
Second Operator Club Marathon (CW) \*\*\* QRP Contest \*\*\*

Sep 09 - 1800z to 2400z

Rules: <http://www.arrl.org/contests/months/sep.html>

~~~~~  
NA Sprint (CW)

Sep 10 - 0000z to 0400z

Rules:

<http://www.ncjweb.com/index.php3?leftcol=contestmenu&rightcol=sprintrules1>

~~~~~  
End of Summer PSK-31 Sprint \*\*\* QRP Contest \*\*\*

Sep 10 - 2000z to 2400z

Rules: <http://personal.palouse.net/rfoltz/arci/psk31.htm>

~~~~~  
AND LATER

~~~~~  
NA Sprint (SSB)



Sep 17 - 0000z to 0400z

Rules:

<http://www.ncjweb.com/index.php3?leftcol=contestmenu&rightcol=sprintrules1>

~~~~~  
Washington State Salmon Run (CW/SSB) ... QRP Category

Sep 16 - 1600z to Sep 17 - 0700z

Sep 17 - 1600z to Sep 17 - 2400z

Rules: <http://www.wwdxc.org/salmonrun/rules.htm>

~~~~~  
Scandinavian Activity Contest (CW) ... QRP Category

Sep 16 - 1200z to Sep 17 - 1200z

Rules: <http://www.sk3bg.se/contest/sacnsc.htm>

~~~~~  
QRP Afield (CW/SSB/Digital) *** QRP Contest ***

Sep 16 - 1800z to Sep 17 - 1800z (Any 8 hours)

Rules: <http://www.qsl.net/wq1rp/contests.00>

~~~~~  
Tennessee QSO Party

Sep 17 - 1800z to Sep 18 - 0100z

Rules: <http://www.k4ro.net/tcg/tqp/tqp99fin.html#rules>

~~~~~  
CQWW RTTY DX Contest ... QRP QRM

Sep 23 - 0000z to Sep 24 - 2400z

Rules: <http://www.arrl.org/contests/months/sep.html>
~~~~~

Scandinavian Activity Contest (SSB) ... QRP Category

Sep 23 - 1200z to Sep 24 - 1200z

Rules: <http://www.sk3bg.se/contest/sacnsc.htm>

~~~~~

Alabama Heart of Dixie QSO Party (CW/SSB) ... QRP Category

Sept 24 - 1800z to Sept 25 - 0100z

Rules: <http://www.qsl.net/kt4xa/aqp/rules.html>

~~~~~

Texas QSO Party (All) ... QRP Category

Sep 30 - 1400z to Oct 01 - 0500z

Oct 01 - 1400z to Oct 01 - 2000z

Rules: <http://home.flash.net/~nars/tqprul2000.htm>

~~~~~

72 de

Ken Newman - N2CQ

N2CQ@ARRL.NET

<http://www.NJQRP.org>

<http://www.N3EPA.org>

<http://www.qsl.net/cqrp/contests.html>

Date: Thu, 7 Sep 2000 07:15:07 -0500

From: "Rick Austin" <radio@capsales.com>

To: <QRP-L@Lehigh.EDU>

Subject: [78962] unsubscribe

Message-ID: <006101c018c5\$444b8dc0\$5d9e023f@ricksnote>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

----- Original Message -----

From: "Rick Austin" <rickaustin@attglobal.net>

To: <QRP-L@Lehigh.EDU>

Sent: Thursday, September 07, 2000 7:10 AM

Subject: unsubscribe

> I am on vacation and I would like to suspend my subscription for qrp-l. I
> subscribed using my local ISP and I can't send mail from it without logging
> on by long distance phone. Subscription address: radio@capsales.com.

Actual

> mailbox is austinr@airmail.net.

>

> I appreciate your help.

>

> Rick Austin

> KD5LAQ

>

>

Date: Thu, 07 Sep 2000 07:27:57 -0500

From: Richard Matthews <prm@hiwaay.net>

To: n2apb@erols.com, qrp-l@lehigh.edu

Subject: [78963] Re: Chas Kitchen Regen etc

Message-ID: <3.0.1.32.20000907072757.009e8d20@hiwaay.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

At 11:53 PM 9/6/00 -0400, you wrote:

>Just a quick follow-up to the posting I made yesterday concerning some
>problems I was having getting the "Simple Regen Radio" from Charles Kitchin,
>N1TEV working in the Manhattan-style construction form.

.....

For the ones of us who would like to build but are not good at gathering parts, does anyone offer a components kit for the regen. rcvr? I know that FAR is offering the PC board, but some of the other parts are not readily available to some of us with puny junk boxes.

I started to order some of the parts yesterday from DK and quickly ran into NOT IN STOCK problems.

Anyone have an extra set of components that they would part with ?

Richard WA4NWW, in Sequatchee Valley on the banks of the Tennessee river in

Northeastern Alabama

Date: Thu, 7 Sep 2000 08:49:15 -0700
From: "Dave Benson" <nn1g@earthlink.net>
To: "Bill Jones" <kd7s@psnw.com>, <QRP-L@lehigh.edu>
Subject: [78964] Re: QRP AFIELD Planning
Message-ID: <005401c018e3\$55e09bc0\$8e9b2a3f@pavilion>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

(Long ago and far away in another galaxy....

Bill Jones, KD7S, writes):

>

>I have decided I need another backpacking trip so plan to hike to a
>place called Jennie Lake in the Sequoia National Forest here in the
>central California Sierra. The primary focus of the trip will be to
>operate the QRP AFIELD contest. I will be on 20 meters only with my
>DSW-20. Of course I will be signing /P Sunday morning.

I'll look forward to working you, Bill. I'll be camped once again in
the Green Mountain National Forest in VT and should be on 20 and 40M.

My favorite QSO from last year's event was actually an 'after-hours'
contact on 40M with Steve Weber, KD1JV. It was pitch-dark, my flashlight
had just failed. There was something deeply satisfying about working Steve
and knowing that the poor wretch was doing the same thing I was- huddled in
his sleeping bag for warmth! A couple more random QSOs after that one were
logged by the glow of my wristwatch dial- they're a little hard to decipher.

It's tough to suggest a strategy for making the best of the available 8
hours of operating time this year- it's hard to pick one set of times that
lets everyone enjoy both local/nighttime QSOs and long-haul contacts. I
suspect that the best bets will involve Saturday afternoon, the early
evening hours, and a stint on Sunday morning to work the /P stations. I
assure you am I not going to be poring over entry logs looking for excess
operating time- that falls a little outside of my definition of 'fun'! I've
set the 8 hour maximum as a balance between a 'sprint' event and an
'ordeal', and I hope this proves to be a good number. Feedback is always
welcome, of course- that's how future events of this nature get better.

Good luck to all- see you next weekend!

73- Dave Benson, NN1G

Date: Thu, 7 Sep 2000 08:07:10 -0500
From: "John Burnley" <burnleyia@home.com>
To: <qrp-1@lehigh.edu>
Subject: [78965] Club: IAQRP Summer Newsletter available in Word format
Message-ID: <000301c018cc\$8869bd40\$1b790818@c149552-a.west1.ia.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The Iowa QRP Club's summer newsletter issue is available at the club's FTP site in WORD97 format. We are in the process of getting it converted to PDF format, but because of the amount of graphics the conversion has run into some snags. For those of you not afraid of 4 M downloads, feel free to take a peek at our latest issue. The FTP site is:

<ftp://divis17.ped-gen.uiowa.edu/pub/iaqrp-1/journal>

The Summer issue may be downloaded by clicking on the summer2000.doc.

Enjoy and please let us know your comments.

72, John NU0V

Date: Thu, 7 Sep 2000 09:21:52 +0100
From: "Bob Duckworth" <wb4mnf@atl.org>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [78966] Asia heard on 40m from NC motel room with 8' wire and regen RX
Message-ID: <200009071318.JAA23555@hat-trick.atl.org>

Copying JA1NUT working the East Coast at a little before 5AM on the old National ACSW-3 with an 8' piece of wire from 2nd floor

of 'motel 3, we're half as good as 6'.

Just goes to show you, the ionosphere doesn't know the difference between a SUX2000DSP or a 1931 58x58x27 regen box. Nothing like those little glowing heaters and some DX. Fine tuning by hand waving :-)

As an aside, I'm moving to KH6 land. Will be there scouting housing the first week in Nov. Any KH6 guys want to get together for a beer and brag about central pacific propagation...

-bob

Date: Thu, 07 Sep 2000 09:24:15 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: prm@hiwaay.net
Cc: QRP-L@lehigh.edu
Subject: [78967] Re: Chas Kitchen Regen etc
Message-ID: <39B796FF.5038@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Richard,

One way to cure the puny junkbox syndrome is to build more! When you order parts order one or two extra of those common items like capacitors and resistors. Radio Shack has special buys on resistor sets and small capacitors. They are more than adequate for bradboarding and testing, and are also fine for regular use. Go to Home Depot and buy a few compartmented plastic boxes to store your treasures in. For active devices, you can buy extras but it may prove more useful to buy them as needed. Go to hamfests and look at the tables, lots of good parts to be had there!

73

Date: Thu, 7 Sep 2000 09:12:33 -0500
From: "Gary Lee Phillips" <ka9nzi@arrl.net>
To: qrp-l@Lehigh.EDU
Subject: [78968] Using a TS450S at QRP levels
Message-ID: <200009071412.JAA20757@mail.lib.colum.edu>

I've been doing this for some time and it does work, but

perhaps it isn't the best idea:

CW mode. Turn "Power" control all the way down.
Adjust "Carrier" control to 5 w. or less on
an SWR/Output meter.

Normally at this level, the rig's built-in ALC level
meter doesn't register at all, though the built-in
power and SWR measurements still appear to be working.

It works, I've made plenty of contacts including some DX.
But I got to wondering about signal quality/purity. I
don't have a spectrograph. Has anyone ever checked out
a Kenwood being operated at these low levels? I have
other "real" QRP rigs, but sometimes it is nice to have
RIT, narrow filters, and the dual VFO available.

(Kenwood's operating instructions assume, of course, that
you want the maximum QRO output and tell you how to adjust
for that. No advice about what happens if you go the other
direction.)

-- Gary Phillips, Marengo, IL <mailto:ka9nzi@arrl.net>
KA9NZI, Seneca Twp., McHenry Co., IL Grid: EN52rg
QRP-L #2124 <http://www.qsl.net/ka9nzi/>

Date: Thu, 7 Sep 2000 09:34:07 -0500
From: "Gary Lee Phillips" <ka9nzi@arrl.net>
To: qrp-l@lehigh.edu
Subject: [78969] Another ground question: DC ground vs. RF ground
Message-ID: <200009071434.JAA20891@mail.lib.colum.edu>

This is something that I have pondered for years and never
found a good answer for. The question about using the ground
in the house wiring reminded me of it.

We are often advised to ground equipment chassis, bench,
etc. to an electrical (not necessarily RF) ground regardless
of the type of antenna we are using. Usually the advice is
to use a ground rod, separate from the house electrical
wiring. This makes sense from a safety standpoint, and would
normally provide an acceptable DC ground. It might also limit
the damage from a nearby lightning strike (not a direct hit.)

While using an end-fed long wire over the past year, I have
used a similar arrangement as an RF ground as well (both were

essentially combined in one) and it actually has worked much better than I thought it would. Under some weather conditions and at certain wavelengths, the ground was less effective, but I found that raising the power somewhat would overcome the impedance of the ground "system" and lower the SWR to an acceptable level.

In July I managed to get a G5RV up into my oak trees. Unhooked the end fed wire from my transmatch and connected the coax from the new antenna instead. The settings on the transmatch changed, of course, mostly to require far less inductance (implies, I think, less capacitive reactance in the antenna system?) and the antenna receives well. However, I seemed to be having some trouble being heard, which puzzled me.

Then last week I realized that the ground wire was still connected to the transmatch. A quick look at the circuit diagram confirmed that this meant the ground was directly connected to one side of the feed/coax as well. Disconnected that ground, and signal reports improved. However, the transmatch adjustments didn't move when tuning up. I concluded that some percentage of my signal output was leaking away into the ground system.

Long explanation, I guess. But the question is this: If a station is connected to a DC ground as often recommended, but using antennas that do not require a separate RF ground (dipole, doublet, yagi, or similar) what is the potential effect of the DC ground on the radiated signal power? If the DC ground has a high impedance at the transmitter frequency and the antenna is a good match, there should be little effect, right? But what if the DC ground just happens also to have a low RF impedance at the operating frequency? The transmitter still may see a low SWR, but what is happening to the signal? My guess is it depends on a lot of variables, but the ERP might drop significantly. Or it might still stay about the same, but the radiation pattern of the system could be affected a great deal by the geometry of the ground/counterpoises.

Can any of you shed more light on this issue? As it happens, the ground wire was disconnected from the transceiver I've been using. I should put it back, based on the DC ground/safety recommendation. But the rig chassis is also directly connected to the coax shield which will once again put my possibly low impedance ground system into the antenna circuit...

-- Gary Phillips, Marengo, IL <mailto:ka9nzi@arrl.net>
KA9NZI, Seneca Twp., McHenry Co., IL Grid: EN52rg
QRP-L #2124 <http://www.qsl.net/ka9nzi/>

Date: Thu, 07 Sep 2000 08:00:59 -0700
From: Bill Jones <kd7s@psnw.com>
To: nn1g@earthlink.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [78970] Re: QRP AFIELD Planning
Message-ID: <39B7ADAB.FDA577D2@psnw.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Dave and fellow qrp-l members,

Dave Benson wrote:

> My favorite QSO from last year's event was actually an 'after-hours'
> contact on 40M with Steve Weber, KD1JV. It was pitch-dark, my flashlight
> had just failed. There was something deeply satisfying about working Steve
> and knowing that the poor wretch was doing the same thing I was- huddled in
> his sleeping bag for warmth! A couple more random QSOs after that one were
> logged by the glow of my wristwatch dial- they're a little hard to decipher.

Operating from a sleeping bag inside a tent after dark can be a challenge, for sure. I have pretty much solved the lighting problem by making all my trail friendly rigs "glow in the dark." Here's how.

I use a computerized drawing program to lay out the front panel markings for my homebrew gear. When it's finished I reverse it and print it out on a piece of acetate (the kind used to make overhead transparencies). The next step is to cut a piece of typing paper to match the size of the transparency. I put a coating of glow-in-the-dark paint on the paper. Then I laminate the two pieces together using photograph mounting spray adhesive. Finally I glue the assembly to the front panel of the transceiver. I have found that a three second blast from my flashlight will provide 15-30 minutes of light from the glow-in-the-dark paint.

The paint comes from a local art supply store. It is available year round but they seem to stock more of it just before Halloween.

--

Bill Jones - KD7S <><
Sanger, California
<http://www.psnw.com/~kd7s/>

Date: Thu, 7 Sep 2000 10:16:28 -0500
From: "Manager QRP-L" <manager@astro.cc.lehigh.edu>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [78971] Re: Determining tree height
Message-ID: <03a901c018de\$b8b12f80\$0200000a@mcg.net>

I'm hoping this thread is already over. I think we've done this one to death!
Please no more posts to this.

Thanks and 73 de Cla KA0GKC Manager QRP-L

Date: Thu, 07 Sep 2000 11:23:53 -0400
From: Todd Nichols <Todd_Nichols@cree.com>
To: <qrp-l@lehigh.edu>
Subject: [78972] Re: Stupid question...
Message-ID: <0009079683.AA968340215@smtp.cree.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Description: "cc:Mail Note Part"

I, too, used to think that it would be OBVIOUS to make the center pin positive and the outer sleeve negative on these little barrel DC power connectors. After all, the sleeve is exposed, and it might touch something, and the most probable "something" for it to touch is an exposed chassis, which is almost always ground. But that's not the whole story. You see, for those connectors with a built-in switch, the SLEEVE is switched - NOT the center pin! Now, if you want to switch the positive supply, you have *no choice* but to make the sleeve positive and the center pin ground. And the sleeve is switched instead of the center pin purely for mechanical ease and thus economy (of price).

You will know why I know all this when the next KnightLites kit comes out :-)

(Hope I don't get into trouble with that little teaser...)

72,
Todd
AG4AY (used to be KB0HQU)

Date: Thu, 7 Sep 2000 08:33:22 -0700 (PDT)
From: Steve Yates <aa5tb@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [78973] Re: Another ground question: DC ground vs. RF ground
Message-ID: <20000907153322.7810.qmail@web3004.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Gary,

1. "If a station is connected to a DC ground as often recommended, but using antennas that do not require a separate RF ground (dipole, doublet, yagi, or similar) what is the potential effect of the DC ground on the radiated signal power?"

There should be no effect. RF currents tend to take the path of least impedance. The "impedance" that I am talking about is the impedance of the transmission medium which is a function of the "loop area" of the circuit. For example, as two conductors are moved further apart the impedance increases. The impedance of the two conductors in your transmission line will always be lower than the impedance of the feedline/ground "transmission line", assuming there is even a path to be taken.

A similar effect is seen in circuit board electronics. If a signal is carried over a path on a circuit board via a two-wire transmission line (signal and return) and a copper ground plane is used and the return wire is tied to this ground plane, the return current will tend to flow through the return wire instead of the seemingly low impedance ground plane. This is all a function of conductor spacing which determines the path impedance.

2. "If the DC ground has a high impedance at the transmitter frequency and the antenna is a good match, there should be little effect, right? But what if the DC ground just happens also to have a low RF impedance at the operating frequency?"

Since the antennas that you speak of are already complete circuits, there is no

reason that RF
current should flow in "DC ground", even if the path to ground is a low impedance.

If there really is an effect on your signal due to this "DC ground" then it is probably due to an imbalance in your antenna system and your feedline is also being used as an antenna. Could the effect be a perceived effect due to propagation changes during the tests or luck of the draw? A switch in the ground connection that can be switched real-time during a QSO may be the only way to tell.

3. "While using an end-fed long wire over the past year, I have used a similar arrangement as an RF ground as well (both were essentially combined in one) and it actually has worked much better than I thought it would."

In this case, your entire house wiring was probably being used as your antenna's return. The impedance between your antenna wire and the house wiring is most likely much lower than the impedance between your antenna wire and the dirt. I have a 50' inverted-L and this is the case with it. It performs well but every appliance in my house generates RFI that impairs my reception. They are all part of my antenna system.

I hope my ramblings made some sense.

=====

73,

Steve Yates - AA5TB

Fort Worth, TX - EM12gs

<http://www.geocities.com/aa5tb>

aa5tb@arrl.net

Do You Yahoo!?

Yahoo! Mail - Free email you can access from anywhere!

<http://mail.yahoo.com/>

Date: Thu, 7 Sep 2000 09:51:38 -0600
From: "Bruce Kizerian" <kizerian@ced.utah.edu>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [78974] Re: Chas Kitchen Regen etc
Message-ID: <00b301c018e3\$8263df40\$de56d9d8@sarcos.com>

> These teens are totally psyched and hooked on this
> "radio-thing" upon hearing Radio Czechoslovakia booming in from a radio
that
> they built from scratch.

> The kids have been listening on this thing for the last couple of hours
> straight ... they don't want to leave tonight! And I must admit, the
magic
> of this regen has me smitten too!
>
> 73, George N2APB

One of the greatest things about this hobby is the opportunity to share it
with youngsters. Once you have their attention--there is so much to distract
them--they respond with great enthusiasm. Maybe they won't all grow up to
become engineers, inventors, etc., or become ham radio operators. But they
will remember what you did for them, and the sense of achievement they felt.
For me, it can't get any better than that.

Bruce kk7zz

Date: Thu, 7 Sep 2000 12:04:20 US/Eastern
From: n2cx@voicenet.com
To: qrp-1@lehigh.edu, njqrp@njqrp.org
Cc: n2cx@voicenet.com
Subject: [78975] Re: QRP AFIELD Planning
Message-ID: <200009071604.MAA222538@nss4.cc.lehigh.edu>

Group,

I've got a different thought here...

While cruising cross country at 30,000 feet or so I saw a magazine reference to a
pen whose tip was lighted by and LED for writing in the dark. (Shucks, I'm usually
in the dark about *everything*)

I can think of several legitimate uses.

I'm sure we've had a brilliant idea or two while lying in bed at night but forgot them by morning. This pen, at the bedside with a pad, could either capture our inspiration or prove that in the light of day that we had been suffering from a nocturnal chimerical episode.

A second possibility is for logging while huddled in a cold sleeping bag lying on the wet ground wondering why Dave Benson and the others force us to endure such privation for a few marginal contacts. :-0

The pen mentioned was about \$20, well beyond my normal discretionary limits for writing implements. Thus I have not yet succumbed to the temptation to buy one.

So...

Has anyone in QRP-land ever tried one of these gadgets and found it useful?

And, equally as important, where can I get one for beer money?

72/73,

Joe E.,
N2CX

This message was sent using Voicenet WebMail.
<http://www.voicenet.com/webmail/>

Date: Thu, 7 Sep 2000 09:44:46 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: n2cx@voicenet.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [78976] Re: QRP AFIELD Planning
Message-ID: <Pine.GSO.4.10.10009070942570.9578-100000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 7 Sep 2000 n2cx@voicenet.com wrote:

> pen whose tip was lighted by an LED for writing in the dark.

OK folks,

This has JUST GOT to be the next club kit!

: -)

73, Ron

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@qsl.net....SOC #2.....Nevada....NRA LIFE....
.....SOWP 5545M.....WHINERS #1.....ZOMBIE #18.....
....Visit my Home Page.....<http://www.qsl.net/ku7y/>....

Date: Thu, 7 Sep 2000 10:25:37 -0700 (PDT)
From: Jim Hale <kj5tf@yahoo.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [78977] This Saturdays PSK31 QRP ARCI sprint
Message-ID: <20000907172537.20280.qmail@web701.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Thanks for posting the message Randy. Hopefully allot of the QRP-L folks are ready for it. There are many mW QRP'ers here who will be running low down milliwatts, and shooting for the big multi.

QRP-L members can help by posting the contest rules on other ham reflectors. I will be re-posting the rules on at least 2 other reflectors.

One thing I will add is that the suggested frequency given (14.070.15) is just a guide.

PSK31 contesting is in its youth, and the biggest problem I've seen is too many stns getting too close.

Hi ! And sometimes in CW QRP contests we all tend to all try to operate exactly on 14.060.0 hi

This was the case in this springs PSK31 Rumble. I'm not exactly sure where psk31 begins and ends, but seems like 14.069.5 - 14.071.5.0mHz is ok?

Maybe someone has better info and will post it. The bottom line is not to get into areas where other modes

are active, and cause QRM. But keep it as close to 14.070 as you can.

With many stns running mW power, everyone will need to QRL before CQ'ing. Sometimes we forget.

CW is the favorite of most of us here, but psk31 and RTTY QRP are catching on with many QRP'ers. Adds a great flavor to the QRP stew!

See you in Saturdays FIRST PSK31 QRP ARCI contest!

de Jim KJ5TF

"All Milliwatts, All The Time"

The QRP ARCI reminds you of the PSK-31 contest, End of Summer PSK-31 Sprint, to be held from 2000 Z to 2400 Z on September 10, 2000.

Summary of rules:

Work stations once. This is a single band 20 m contest.

Exchange is RST, State/Province/Country (SPC), ARCI number or power for non-members.

QSO Points are 5 for member, 4 for non-member different continent, and 2 for non-member same continent.

Multipliers are SPC total.

Power multiplier is > 5 w = X1, 1-5 W = X7, 250 mW - 1 W = X10, < 250 mW = X15.

Final score is QSO points X total SPCs X Power Multiplier.

Entry categories are single op, multi-op, and DX.

Suggested 20 m frequency is 14070.15.

Further details at
<http://personal.palouse.net/rfoltz/arci/psk31.htm>

Use the High Claimed Scores at
<http://personal.palouse.net/rfoltz/arci/form.htm> to
report
your score and soapbox.

Send results within 30 days to

Randy Foltz
809 Leith St.
Moscow, ID 83843

or e-mail to rfoltz@turbonet.com.

73,
Randy, K7TQ
QRP ARCI Contest Chairman

=====

<http://www.madisoncounty.net/~kj5tf/>
Milliwatting Editor ARCI QRP Quarterly
Join/renew membership QRP Amateur Radio Club International
<http://www.qrparci.org/arcijoin.html>
AR QRP#2 - Kingston, Arkansas 35.94N 93.47W
Private email kj5tf@madisoncounty.net

Do You Yahoo!?
Yahoo! Mail - Free email you can access from anywhere!
<http://mail.yahoo.com/>

Date: Thu, 7 Sep 2000 11:12:08 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: QRP-L List <qrp-l@lehigh.edu>
Subject: [78978] 18 QRP-L People
Message-ID: <Pine.LNX.4.10.10009071038450.1028-1000000@cannac.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have received e-mail from 18 people addressed to me and
explaining that they too have had bad experiences either with QRP-L or
also other "lists". I didn't explain in detail what has bugged me to
submission and don't plan to do so. The point is that it's happening to
MANY people on this list.

It's a fact that what you write comes out far more harsh than you intended. This just happens and is part of the new e-mail and yes even the old packet radio messages.

My problem with the QRP-L list goes back to my beginning with the list. I joined while soldering up a new balun. It worked and a new (to me) antenna was born. It seems to work well too. So in complete ignorance I wrote e-mail to the list gushing with enthusiasm over what I had learned, now that I have time to do some measurements. The mail I received was both good, some tried to educate me and suggested reading specified papers written back in the 1980's, and many that just explained how stupid I am to write such things. I'm sure I wrote back to these people in kind and I feel stupid for doing so.

The last straw occurred when a QRP-L person asked if anyone has measured the loss through a AT-11 tuner. No-one offered anything so I spent an hour doing a simple experiment that answered my question and the other person as well. I know the AT-11 tuner has loss, but not an excessive amount. So I sent the results to the list. I received messages saying that I didn't run the right test, didn't report it properly, and told me they THOUGHT the tuner loses 80% of the power applied when the load is not 50 ohms. I don't care what they think. I wrote nasty e-mails to them and hate myself for doing so.

No way can I just sit back and accept this. I know that many people do NOT submit to the QRP-L because they don't want the same thing to happen to them.

My solution is to do as many do. They lurk and when an interesting message is found they e-mail the person, not the list, their comments/questions etc. It is true that if all the doers lurk, then nothing good will appear on the list.

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Thu, 7 Sep 2000 10:13:04 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [78979] Re: The End of it ALL
Message-ID: <Pine.GS0.4.10.10009070948560.9578-100000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 7 Sep 2000, Ian C. Purdie VK2TIP wrote:

> "Personally, on this list I have always been treated with the utmost
> respect and dignity - friendly chiding aside".

Hi Folks,

Ian has said it well. The above applies to me also and we all know that I often post things that are not in line with what pure theory dictates.

We, and I really do mean all of us on this list, gain the most when there are different opinions given. When everyone just aggress with a single idea I feel that we are missing something.

BUT....and I'll SHOUT this.....

We MUST watch that we don't either post our disagreements using words or phrases that tend to look like personal attacks and at the same time, when we post something to the list, we need to realize that there are 2000-3000 people who just might reply.....and some of the replies might not be worded just the way we would like.

So on the sending end you need to take care and read your post before sending it out. Letting something set for a bit before posting really does help!

(No need to worry too much about the trivial things like spelling and grammar, it's the content and how it comes across that really counts. This is NOT an English class!).

And on the receiving end, realize that there are going to always be those who are a bit "direct" in the way they disagree and don't let it get under your skin!

I have been on this list since it started and have learned MUCH in that time. Most of it has been from those threads that go back and forth with things like.. "But if you do it this way it does this....." "....True, but when you look at XXX, then it no longer works that way...." and etc.

I get messages from people who read this list and will not post anything because they are worried that they will be

jumped on by a very small hand full of list members. This should not be the case.

Lets all try to improve our posts (and yes, there is plenty of room for mine to improve too!) and to thicken our skins a bit more.

Keep in mind that this is just a hobby. No matter who you are, what you do or have done for work, what you have for paper to say how much you should know and etc, you are all just as much an intergal part of this list as anyone else. And you can (and should) post things to this list that others will be glad to see.

Oh, did I mention.....we will have one of the F18 Blue Angels planes on our hanger this Sunday/Monday?

Wheeeeeeee, working at the air port where the Reno Air Races are held does have some advantages!

Thanks for letting me vent a bit.

OK, back in my hole....

73, Ron

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@qsl.net....SOC #2.....Nevada....NRA LIFE....
.....SOWP 5545M.....WHINERS #1.....ZOMBIE #18.....
....Visit my Home Page.....<http://www.qsl.net/ku7y/>....

Date: Thu, 7 Sep 2000 11:14:16 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-1@LeHigh.EDU>
Subject: [78980] FOX - Winter Hunt Teams -
Message-ID: <Pine.LNX.3.95.1000907110214.6743F-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I'd like to announce that we have the first two Teams assembled and weapons training begun.....

The Raiders of the Lost RF -

Mary - NA6E

Fred - VE3FAL
Rob - VE6JAZ
Earl - VA6RF
Bruce- VE5RC

The ScQRPions -

Floyd - NQ7X
Brian - K7RE
Conrad- WS4S
Chuck - K7QO
Bob - NK7M

..if you form a Team for the Winter 40 mtr Fox Hunt, please e-mail me direct so I can put you on the Teams listing.

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10 -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

Date: Thu, 7 Sep 2000 11:30:57 -0600
From: "Rod, N0RC" <n0rc@qsl.net>
To: <k5di@zianet.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [78981] Re: 18 QRP-L People
Message-ID: <010d01c018f1\$657c3e00\$778511d8@zephyr>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Karl, et. al

----- Original Message -----

From: Karl F. Larsen <k5di@zianet.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Thursday, September 07, 2000 11:12 AM
Subject: 18 QRP-L People

>
> I have received e-mail from 18 people addressed to me and
> explaining that they too have had bad experiences either with QRP-L
or

> also other "lists". I didn't explain in detail what has bugged me to
> submission and don't plan to do so. The point is that it's happening
to
> MANY people on this list.
>

The best advice I can offer is, let it go. Life is too short to waste
on autocratic individuals who feel they must control others. Place
such non-sense in the delete folder, permanently empty that folder, go
forward and enjoy life.

I've seen this behavior on the internet, in the workplace, in churches
(sad ain't it), on repeaters...and as a home owners association
president, I had to deal with it.

I don't have a ulcer today because I followed the wizard's
advice--"Never mind that man behind the curtain"--The Wizard to
Dorothy, in The Wizard of Oz.

I expect I'll take some heat for this posting, know what I'm going to
do? IGNORE IT! ;-) I'm too busy building a K2 for another individual.

'nuff said on this subject, let's get back to mixers, trail friendly
rig discussions, PSK-31 contest strategies, rig trouble shooting...and
other interesting radio topics.

That is all, 00

72/3 Rod, NØRC -- Fort Collins, CO

Date: Thu, 7 Sep 2000 13:38:38 -0400
From: "Tom Hybiske" <hybiske@drs-fsc-comm.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [78982] OT - Pullin' up stakes
Message-ID: <000601c018f2\$75390fc0\$7368f326@GACNT>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I know you guys are saying K3 who? Yes, I'm mostly a lurker, but I wanted to let the list know that I'm shutting down operations, loading the wagons and heading up towards Mike Yetsko's neck of the woods in MA-land. I'll be in Framingham for about 9 months in a 4th floor apartment and then hope to settle in the Auburn or Charlton area. (anybody on the list from there?) I think the balcony has room for a 10 meter dipole and I'll have plenty of free time to operate so I hope to be back on soon. Looks like I have to start DXCC all over again ;). You might also listen for a 3 call on the area repeaters as I'll certainly have a mag mount stuck to the railing outside. Going to unsubscribe now until I can find an ISP up there (cable I hope). Thanks guys and see you soon.

7 3.....Tom, K3GM diddily dah di-dah . .

Date: Thu, 07 Sep 2000 12:51:57 -0500
From: "Chuck Carpenter" <w5usj@globeco.net>
To: qrp-l@Lehigh.EDU
Subject: [78983] QRPers in NE TX
Message-ID: <3.0.2.32.20000907125157.008a8ca0@mail.globeco.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

QRP-Lers,

Any QRPers in the NE TX area interested in getting together and comparing notes and assorted QRP experiences?

A meeting place can be worked out depending on geographical distribution.

Chuck Carpenter, Point, Rains County, Texas -- EM22cv, RARA #003
ARCI #5422, QRP-L #1306, SOC #57, Six Club #201, SMIRK #6275

Date: Thu, 7 Sep 2000 12:59:45 -0500
From: "Manager QRP-L" <manager@astro.cc.lehigh.edu>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [78984] Re: 18 QRP-L People
Message-ID: <049401c018f5\$b5894420\$0200000a@mcg.net>

This type of discussion comes under QRP-L list policy and is off topic for this list. I would like to hear from the above 18 QRP-L members to get there input. I have also asked Karl for an explanation of what is wrong and hope to here from him. If something needs to be done here it should be done through the Manager. So please email your comments or concerns to me privately and keep it off the list. There are 3000 plus people here that are looking for QRP information and discussion.

Thanks you and 73 de Cla KA0GKC Manager QRP-L

Date: Thu, 7 Sep 2000 13:49:12 -0700
From: "Dave Benson" <nn1g@earthlink.net>
To: <n2cx@voicenet.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [78985] Re: QRP AFIELD Planning
Message-ID: <003601c0190f\$79d6d4a0\$d3962a3f@pavilion>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

.....
-----Original Message-----
From: n2cx@voicenet.com <n2cx@voicenet.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Thursday, September 07, 2000 9:06 AM
Subject: Re: QRP AFIELD Planning

<snip>
>
>A second possibility is for logging while huddled in a cold sleeping bag
lying on the
>wet ground wondering why Dave Benson and the others force us to endure such
>privation for a few marginal contacts. :-0
>
<snip>

Think of the secret joy we bring to the rest of the QRP community. ; -)

73- Dave Benson, NN1G

Date: Thu, 7 Sep 2000 19:21:40 +0100
From: Euramcom <mel@euramcom.freeseerve.co.uk>
To: <qrp-1@lehigh.edu>
Subject: [78986] 2p worth del escoscia
Message-ID: <E13X6S8-0007Mq-00.2000-09-07-19-31-12@cmailg2.svr.pol.co.uk>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

On Thu, 7 Sep 2000 10:13:04 -0700 (PDT), ku7y@dri.edu wrote:

>On Thu, 7 Sep 2000, Ian C. Purdie VK2TIP wrote:

>

>

>> "Personally, on this list I have always been treated with=3D
the

>>utmost

>> respect and dignity - friendly chiding aside".

>

>

>Hi Folks,

>

>Ian has said it well. The above applies to me also and we

>all know that I often post things that are not in line with

>what pure theroy dictates.

>

Hi Gangue,

Agree with both Ian and Monte. But it won't stop me putting in=
my=3D

tuppence worth when I want to!

Apart from being a radio amateur, I get paid to=
be/do/investigate=3D

radio problems, rfi, and repair mobiles, base stations by my
employer, one of the major (becoming multi) national utilities.=3D

My

job includes some data transmission work, both radio based and=3D
copper

based, and I hold live working tickets and authorisations up to
400kV. Most of the time I enjoy my job and see it as a paid for
extension of this (my) hobby, but if you know the CEO of my=3D
company,

don't tell him that, please.

I've also got a small biz going here with some clients for websites,
and I do a bit of part time design work for one or two commercial

people. I'm coming up for "early" retirement in about three years
or
so, so maybe this will expand to supplement my pension income, who
knows? I'm a largely self-taught sort of guy, and I have let the

smoke out of a fair quantity of components over the years. I=now
have
an OND and an HND qualification with Telecoms biasing.

I think what I am trying to say (badly?) is that any comments I make
on most things are practical but based on some rule of thumb type

theory, at it's simplest level, something like "in a set of parallel
resistors, the total value will always be less than the value of
the
smallest resistor in the set!" OK? so what, but remember, some
newbies out there don't know that, usually 'cos some "oldies" aint
told 'em!

The list needs guys 'n gals (Sorry Laura and Tracy) who can make

valid contributions FROM THEIR OWN EXPERIENCE, but it doesn't need
sharp deprecating comment from those who disagree.

Soapbox away, flame suit on! Flame me guys, flame me! I AM worthy!

Regards

Mel

--72 and 73 de Mel Evans, e-mail mel@euramcom.freeserve.co.uk

Mel Evans GM6JAG Edinburgh Scotland
Home of the last HW9

Visit <http://www.euramcom.freeserve.co.uk> for
US Euro Ham Radio Equivalent Parts and info,
Add-a-Link page let's you add your own pages instantly

Date: Thu, 7 Sep 2000 14:39:32 -0400 (EDT)
From: mulveyr@iname.com
To: n2cx@voicenet.com
Cc: qrp-1@lehigh.edu
Subject: [78987] Re: QRP AFIELD Planning
Message-ID: <200009071839.0AA25365@mulvey.dyndns.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

> Group,
>
> I've got a different thought here...
>
> While cruising cross country at 30,000 feet or so I saw a magazine reference to
> a
> pen whose tip was lighted by and LED for writing in the dark. (Shucks, I'm
usually
> in the dark about *everything*)
>
> So...
>
> Has anyone in QRP-land ever ttried one of these gadgets and found it useful?
>
> And, equally as important, where can I get one for beer money?

Since my other Expensive Hobby is Amateur Astronomy, I've had
frequent needs for devices that use little red LED's, to preserve
night vision. :-)

I've seen other astronomers use illuminated pens for note-taking.
You might want to try www.telescope.com, www.astromart.com, or
other similar web sites. I'm sure that one of them will have
what you need.

- Rich

Date: Thu, 7 Sep 2000 12:05:15 -0700
From: "Dan Hogan" <dhhogan@nav.cnchost.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [78988] Re: 18 QRP-L People
Message-ID: <39B7847B.6102.17612DC@localhost>

Ok. This did it.

When I first joined QRP-L there was the owner, Chuck, and the FOX hunt. Minimum rules on the LList and NO rules for the Fox Hunt, other than making a contact on the, and it was fun. There was a lot of exchange of information and knowledge on the list. Now we have a list managers, detailed Fox Hunt rules. Ever expanding list rules and regulations and IT AIN'T FUN. When I voiced my displeasure at some of the behavior on the list once before I was invited to leave. I did, but like and idiot I came back.

Not this time. I am un-subscribing at the same time as this message goes out. So lucky me I won't see the garbage this may generate.

So, I'm gone

On 7 Sep 2000, at 12:59, Manager QRP-L wrote:

> This type of discussion comes under QRP-L list policy and is off topic for
> this list. I would like to hear from the above 18 QRP-L members to get
> there input. I have also asked Karl for an explanation of what is wrong
> and hope to here from him. If something needs to be done here it should be
> done through the Manager. So please email your comments or concerns to me
> privately and keep it off the list. There are 3000 plus people here that
> are looking for QRP information and discussion.

>

> Thanks you and 73 de Cla KA0GKC Manager QRP-L

>

>

>

Dan Hogan WA6PBY
dhhogan@nav.cnchost.com
QRParci #3847, QRP-L #558, G-QRP #9533

Date: Thu, 07 Sep 2000 12:05:42 -0700
From: "Harsha K" <bravado@angelfire.com>
To: qrp-1@Lehigh.EDU
Subject: [78989] Request for a sked to WAS - WY,RI,LA
Message-ID: <PB0DHBLFGPKIAAAA@angelfire.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Language: en
Content-Transfer-Encoding: 7bit

Greetings,

I'm a relatively new HAM (licensed < 1 year) and I'm trying to
Work All States from my "stealth" wire antenna in my apartment :) !
I still need to confirm 3 states - Wyoming, Rhode Island and Louisiana. Could
someone help me with a sked (perhaps this coming
weekend) to work these states ?

Thanks in advance and 73s,
Harsha

N7VI
Previously : KK7VI, KD7HDR

Date: Thu, 7 Sep 2000 13:08:10 -0600
From: "Niel Skousen" <nskousen@scientechn.com>
To: <qrp-1@lehigh.edu>
Subject: [78990] OT: Amateur Astronomy
Message-ID: <000201c018fe\$f733c9a0\$c916fea9@scientechn.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Gang,

I've been on the verge of getting a decent starter telescope for several
months, and I know there are a reasonable bunch of QRP/Astronomers on the
list

Really impressed by the Meade ETX stuff - but a lot to spend to try a hobby

out. YET my impression of most of the tasco-ish (\$89-\$149) drug store scopes is that it would kill a potentially good hobby in a hurry with bad equipt.

Any suggestions on a middle cost entry scope ? Are used scopes a good way to start, and how does one find good deals on used scopes ?? Is there a QRP-L equivalent out there ?

TNX all
Niel

Date: Thu, 7 Sep 2000 15:12:02 -0400
From: Ed Lawson <elawson@lawson-philpot.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [78991] RS Freq. counter Question
Message-ID: <00090715160000.00747@office4.office.new>
Content-Type: text/plain
MIME-Version: 1.0
Content-Transfer-Encoding: 8bit

I recently purchase the handheld RS freq. counter (22-306 I think) and it seems to be a good value for the money as it was on sale. However, I am thinking about using it to align QRP rigs, etc. which require it to read LO Osc. freq.

However not sure it is suitable for that purpose in terms of sensitivity and adaptability for using a probe. Does anyone on the list have experience using this or similar units for that purpose? TIA

Ed Lawson
K1VP
NH

Date: Thu, 07 Sep 2000 14:14:30 -0500
From: "George, W5YR" <w5yr@att.net>
To: w5usj@globeco.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [78992] Re: QRPers in NE TX
Message-ID: <39B7E916.93B37FC1@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

You bet, Chuck. Fairview is midway between McKinney and Allen about 3 miles east of 75.

72/73, George W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE Dallas in Collin county QRP-L 1373
Amateur Radio W5YR, in the 55th year and it just keeps getting better!
R/C since 1964 - AMA 98452 RVing since 1972 Kachina #91900556
(12/99)

Chuck Carpenter wrote:

>
> QRP-Lers,
>
> Any QRPers in the NE TX area interested in getting together and comparing
> notes and assorted QRP experiences?
>
> A meeting place can be worked out depending on geographical distribution.
>
> Chuck Carpenter, Point, Rains County, Texas -- EM22cv, RARA #003
> ARCI #5422, QRP-L #1306, SOC #57, Six Club #201, SMIRK #6275

--

Date: Thu, 7 Sep 2000 15:34:35 -0400
From: "Charles Mabbott" <crmabbott@mediaone.net>
To: <qrp-l@Lehigh.EDU>
Subject: [78993] QRP AFIELD Planning - lit pencils
Message-ID: <000001c01902\$a7ce0660\$0201a8c0@mw.mediaone.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

This talk about LED's for writing in the dark reminds me;
"During the heat of the space race in the 1960's, the
U.S. National Aeronautics and Space Administration
decided it needed a ballpoint pen to write in the zero
gravity confines of its space capsules.

After considerable research and development, the
Astronaut Pen was developed at a cost of about \$1
million U.S. The pen worked and also enjoyed some
modest success as a novelty item back here on Earth.

The Soviet Union however, faced with the same problem,
and used a pencil."

73 ES oo
Chuck Mabbott AA8VS
FP #113

"Remember the Roman empire was not created
by having meetings. Those who were opposed
were killed."

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of
mulveyr@iname.com
Sent: Thursday, September 07, 2000 2:40 PM
To: Low Power Amateur Radio Discussion
Subject: Re: QRP AFIELD Planning

Date: 7 Sep 00 14:42:46 EST
From: M Goins <mgoins@usa.net>
To: qrp-l@Lehigh.EDU
Subject: [78994] qrpers west side of houston
Message-ID: <20000907194246.24543.qmail@aw164.netaddress.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable

With something like 3,00 people on the reflector, I was wondering if there
is
anyone on the west side of Houston that might like to try and get together
for
antenna work, construction projects, etc. =

If so, please contact me off the list. Thanks.

mike
wb5yjx

Get free email and a permanent address at <http://www.amexmail.com/?A=3D1>

Date: Thu, 7 Sep 2000 15:51:20 -0400 (EDT)
From: mulveyr@iname.com
To: crmabbott@mediaone.net
Cc: qrp-1@lehigh.edu
Subject: [78995] Re: QRP AFIELD Planning - lit pencils
Message-ID: <200009071951.PAA25760@mulvey.dyndns.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

> After considerable research and development, the
> Astronaut Pen was developed at a cost of about \$1
> million U.S. The pen worked and also enjoyed some
> modest success as a novelty item back here on Earth.
>
> The Soviet Union however, faced with the same problem,
> and used a pencil."

Yes, but are you aware of what happened when all of the
graphite dust got into the Soviet electronics? :-)

- Rich

Date: Thu, 07 Sep 2000 16:02:59 EDT
From: n5ib@juno.com
To: qrp-1@Lehigh.edu
Subject: [78996] HB - regens
Message-ID: <20000907.145824.4655.1.N5IB@juno.com>

I've been thinking about building a regen Rx with a fairly narrow tuning
range (two or three hundred kHz) to be a companion receiver for my (as
yet unbuilt) TT2.

The Kitchin design is probably what I'll follow, I but have a question
for those who have tinkered a lot with regens:

Any reason why an air-wound coil is used on almost all the regen designs
I've seen lately. Would a toroidal coil be undesirable for reasons of Q,
interwinding coupling, etc? There would surely be a size advantage, and
seemingly the self-shielding property of toroidal coils would be good for
regens.

Awaiting the wisdom of the gurus, 72
Jim N5IB

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<http://dl.www.juno.com/get/tagj>.

Date: Thu, 7 Sep 2000 15:35:55 -0500
From: "Cla KA0GKC" <ka0gkc@arrl.net>
To: "QRP-1" <qrp-1@lehigh.edu>, <n5ib@juno.com>
Subject: [78997] Re: HB - regens
Message-ID: <054901c0190c\$5d7dc780\$0200000a@mcg.net>

----- Original Message -----

From: <n5ib@juno.com>

| Any reason why an air-wound coil is used on almost all the regen designs
| I've seen lately. Would a toroidal coil be undesirable for reasons of Q,
| interwinding coupling, etc? There would surely be a size advantage, and
| seemingly the self-shielding property of toroidal coils would be good for
| regens.

Air wound coils have better Q than toroid wound inductors although many a
successful regen has been built using a toroid.

Along these same lines, I've always wondered if you could build a regen with a
crystal instead of a coil/cap combo and use a cap to pull the frequency a bit?
Anyone ever tried this?

73 de Cla KA0GKC

Date: Thu, 7 Sep 2000 15:50:14 -0500
From: "Dan W. Dooley" <dandooley@pipeline.com>
To: <ka0gkc@arrl.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [78998] Re: HB - regens
Message-ID: <010001c0190d\$3c24fc60\$0400a8c0@bergenbrunswick.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Don't you need a feedback path for a regen to regen? Thus the tickler coil.
That would rule out the xtal idea, methinks.....

Dan W. Dooley WB5TKA Bedford, Texas EM12ku
e-mail to: dandoooley@pipeline.com
SOC #198, FPQRP # -104
May Goddes love blest ye alle
"Ancient Pistol, I do partly understand your meaning."

----- Original Message -----

From: "Cla KA0GKC" <ka0gkc@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Thursday, September 07, 2000 3:35 PM
Subject: Re: HB - regens

>
> Along these same lines, I've always wondered if you could build a regen
with a
> crystal instead of a coil/cap combo and use a cap to pull the frequency a
bit?
> Anyone ever tried this?
>
> 73 de Cla KA0GKC
>
>

Date: Thu, 07 Sep 2000 17:07:52 -0400
From: David Hinerman <dlh1009@ritvax.isc.rit.edu>
To: qrp-l <qrp-l@Lehigh.EDU>
Subject: [78999] Re: HB - regens
Message-ID: <008101c0190f\$b0a06780\$2d0a05cc@rochester.com>
MIME-version: 1.0
Content-type: text/plain; charset=Windows-1252
Content-transfer-encoding: 7BIT

Dan,

I don't know - an RF amp with a crystal filter on the input, and feedback to
the input of the filter?

Duh! (Smack forehead with palm) That's called a crystal oscillator, isn't
it? (Grin)

But if you turn the gain down, and can vary it above and below the point at
which the circuit oscillates, isn't that the same thing as the regen front

end?

Dave

> Don't you need a feedback path for a regen to regen? Thus the tickler
coil.
> That would rule out the xtal idea, methinks.....
>
> Dan W. Dooley WB5TKA Bedford, Texas EM12ku
> e-mail to: dandooley@pipeline.com
> SOC #198, FPQRP # -104
> May Goddes love blest ye alle
> "Ancient Pistol, I do partly understand your meaning."
>
>
> ----- Original Message -----
> From: "Cla KA0GKC" <ka0gkc@arrl.net>
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Sent: Thursday, September 07, 2000 3:35 PM
> Subject: Re: HB - regens
>
>
> >
> > Along these same lines, I've always wondered if you could build a regen
> with a
> > crystal instead of a coil/cap combo and use a cap to pull the frequency
> a
> bit?
> > Anyone ever tried this?
> >
> > 73 de Cla KA0GKC
> >
> >
>

Date: Thu, 7 Sep 2000 16:09:26 -0500
From: "Cla KA0GKC" <ka0gkc@arrl.net>
To: "Dan W. Dooley" <dandooley@pipeline.com>, "Low Power Amateur Radio Discussion"
<qrp-l@Lehigh.EDU>
Subject: [79000] Re: HB - regens
Message-ID: <057801c0190f\$e9ae6c20\$0200000a@mcg.net>

----- Original Message -----
From: "Dan W. Dooley" <dandooley@pipeline.com>

| Don't you need a feedback path for a regen to regen? Thus the tickler coil.
| That would rule out the xtal idea, methinks.....

Maybe, but a xtal oscillator requires feedback as well and I would think a crystal should be able to replace the coil and cap portion and another controllable feedback system could be used.

Food for thought, but if it would work might make an interesting receiver project.

73 de Cla KA0GKC

Date: Thu, 07 Sep 2000 18:10:05 -0300
From: Renato Meneghim de Freitas <py2one@uol.com.br>
To: unlisted-recipients;; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [79001] Re: R-7000 Vertical or Dipole
Message-ID: <39B8042D.21C09B5E@uol.com.br>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Over a 20 floor building which antenna work best for 40m DX? R7000 or a Dipole?

My real question is ... where is a real ground for a dipole or a yagi over a high building? The ground is the top of the building or the earthy? I asked that because a dipole over a high building will work as a full wave high antenna.

73

Renato Meneghim
py2one

"James R. Duffey" wrote:

> Mark - I suggest that you put up both antennas. Be able to awitch between
> the two. There are a number of reasons to have two antennas, particularly if
> one is horizontally polarized and one is vertically polarized.

>
> 1. There are times when one antenna will yield a better signal than the
> other, and it is nice to be able to use the one with the best signal
> (Actually best signal to noise ratio). I would guess that your 40 M dipole
> will probably give the best signals most of the time, but there will be
> times when the vertical will be better.
>
> 2. You may find that QRM is lower on one antenna than the other, so that
> even if the signal is lower, it will be easier to copy. The vertical will
> have a null overhead which the dipole does not, so that close in strong
> stations will be weaker on the vertical. This may be better when you are
> trying to work stations much further away than the QRM is.
>
> 3. You may find that noise will be lower on the vertical for the same reason
> as 2), except that in this case, close in noise sources, such as thunder
> storms in summer, may be attenuated more on the vertical than on the dipole.
>
> 4. If you ever get a second radio, it is nice to be able to listen to two of
> them at a time. As an example, get a cheap 10 M transceiver and put it on
> the R-7000 to monitor the band for openings while you work 40 M. You may
> also get into satellite work later on and you can work RS-12/13 Mode K with
> one antenna on 15 M uplink and one on the 10 M downlink.
>
> 5. If you get a higher band radio and want to use the dipole on the higher
> bands, there will be nulls in certain directions. The vertical will fill in
> these directions and provide you with whole earth coverage, albeit it at
> lower gain than with the dipole in its preferred direction. As an example,
> at my QTH if the 40 M dipole is set up so the main lobe is centered on
> Europe on 20 M and 17 M, on 15 M and higher there will be a null towards
> Europe and lobes centered on South Africa. If you want to work everywhere in
> the world, you just about need to rotate the antenna, have two antennas, or
> have an omnidirectional antenna like the vertical.
>
> 6. If you get serious into contesting you may wish to operate with two
> radios. The second antenna will come in useful here.
>
> 7. If something goes wrong with one antenna, you always have a backup. This
> is particularly good in winter when it is not always easy to do antenna
> work. Voice of experience.
>
> If you put up the vertical use a choke, or current balun at the feedpoint to
> reduce feedline radiation. These are easy to make; directions for scramble
> wound air core baluns are in the handbook, as are directions for bead
> baluns; both of which are simple to make and effective.
>
> I hope that this helps. Let us know how this all turns out. - Dr. Megacycle
> --
> James R. Duffey KK6MC/5

> 30 Casa Loma Road
> Cedar Crest, NM 87008

Date: Thu, 7 Sep 2000 16:39:25 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: qrp-1@lehigh.edu
Subject: [79002] QRP-A-FIELD
Message-ID: <200009072115.RAA24604@wolf.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

For operating after dark, I just light my candle, a nice low tech method that's be used for just about forever.....

I figure I'll wander up to the Log Cabin again this year, about 2/3ds the way up Mt. Adams here in the Whites.

Be sure to spead out some on 20M, remeber to tune down to as low as 14.050. No reason we all have to crowd in around 14.060!

72,
Steve, KD1JV in the white Mountains of New Hampshire
"melt solder"

Date: Thu, 7 Sep 2000 17:18:07 -0400
From: "David Porter" <dporter@voicenet.com>
To: <njqrp@njqrp.org>, <qrp-1@lehigh.edu>
Cc: <n2cx@voicenet.com>
Subject: [79003] Re: QRP AFIELD Planning
Message-ID: <200009072118.RAA235508@nss4.cc.lehigh.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Sounds like a great idea for a new NJQRP kit!

David Porter
dporter@voicenet.com
AA3UR

> From: n2cx@voicenet.com
> To: qrp-1@lehigh.edu; njqrp@njqrp.org
> Cc: n2cx@voicenet.com
> Subject: Re: QRP AFIELD Planning
> Date: Thursday, September 07, 2000 8:04 AM
>
> Group,
>
> I've got a different thought here...
>
> While cruising cross country at 30,000 feet or so I saw a magazine
reference to a
> pen whose tip was lighted by and LED for writing in the dark. (Shucks,
I'm usually
> in the dark about *everything*)
>
> I can think of several legitimate uses.
>
> I'm sure we've had a brilliant idea or two while lying in bed at night
but forgot
> them by morning. This pen, at the bedside with a pad, could either
capture our
> inspiration or prove that in the light of day that we had been suffering
from a
> nocturnal chimerical episode.
>
> A second possibility is for logging while huddled in a cold sleeping bag
lying on the
> wet ground wondering why Dave Benson and the others force us to endure
such
> privation for a few marginal contacts. :-0
>
> The pen mentioned was about \$20, well beyond my normal discretionary
> limits for writing implements. Thus I have not yet succumbed to the
temptation
> to buy one.
>
> So...
>
> Has anyone in QRP-land ever tried one of these gadgets and found it
useful?
>
> And, equally as important, where can I get one for beer money?
>
> 72/73,
>
> Joe E.,

> N2CX
>
>
> -----
> This message was sent using Voicenet WebMail.
> <http://www.voicenet.com/webmail/>
>
>
> ===== NJ QRP Club Mailing List =====
> To unsubscribe from this list, send email to listserver@applegate.org
> and put the text "unsubscribe njqrp" in the message. To post a
> message to the list, send email to njqrp@njqrp.org.

Date: Thu, 07 Sep 2000 14:29:05 -0700
From: Bill Jones <kd7s@psnw.com>
To: qrp-l@lehigh.edu
Subject: [79004] OT:Looking for Bay Area bike shops
Message-ID: <39B808A1.32EA8D87@psnw.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Friends,

My annual trek to Pacificon always includes some off-site shopping.
Besides surplus electronics I want to visit a good sized, full service
bicycle shop in the San Jose/Sunnyvale area. I am looking for parts,
pieces and ideas to help me eventually try my hand at bicycle mobile.

Thank you for your help and please reply privately.

--

Bill Jones - KD7S <><
Sanger, California
<http://www.psnw.com/~kd7s/>

Date: Thu, 7 Sep 2000 14:34:32 -0700
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: <qrp-l@Lehigh.EDU>
Subject: [79005] Re: HB - regens
Message-ID: <000301c01913\$6a1359e0\$72defc9e@oemcomputer>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Cla

I'm reaching way back in time, but years ago there was a receiver article, either in CQ or QST, I can't recall which now, that used a regenerative detector at some IF. It was crystal controlled, so probably was intended to stay put. However, I can't see any reason such a detector couldn't be pulled a few kHz if it were at the operating freq instead.

73, Bob N6WG

Date: Thu, 7 Sep 2000 23:04:52 +0100
From: "Tony Fishpool" <g4wif@btinternet.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [79006] Re: HB - regens
Message-ID: <012001c01917\$bbaea120\$d930073e@p200>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Both the G3MFJ and my regen which appeared in the recent QRPP (regen special) used toroids and they worked just fine. Both Graham & I mounted them on a plug and socket arrangement so that more than one band could be covered.

We also used varicap tuning which kept the cost down.

Kind regards
Tony - G4WIF

----- Original Message -----
From: <n5ib@juno.com>

> Any reason why an air-wound coil is used on almost all the regen
> designs I've seen lately.
> Would a toroidal coil be undesirable for reasons
> of Q, interwinding coupling, etc?
<snip>

End of QRP-L Digest 1937
